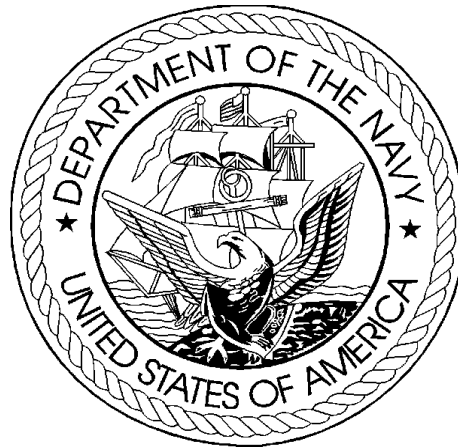


DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2002
AMENDED BUDGET SUBMISSION



JUSTIFICATION OF ESTIMATES
JUNE 2001

MILITARY CONSTRUCTION, NAVY

Department of the Navy
FY 2002 Military Construction and Family Housing Program
Summary of Locations

<u>State/Country</u>	<u>Auth. Request</u>	<u>Appr. Request</u>
<u>Inside The United States</u>	<u>(\$000)</u>	<u>(\$000)</u>
ARIZONA	31,587	31,587
CALIFORNIA	311,625	329,125
DIST OF COLUMBIA	9,810	9,810
FLORIDA	29,960	29,960
HAWAII	175,243	209,823
ILLINOIS	82,260	82,260
INDIANA	5,820	5,820
MAINE	67,395	67,395
MARYLAND	3,510	14,280
MISSISSIPPI	45,014	45,014
MISSOURI	9,010	9,010
NORTH CAROLINA	71,120	71,120
RHODE ISLAND	15,290	15,290
SOUTH CAROLINA	13,450	13,450
TENNESSEE	3,900	3,900
VIRGINIA	152,450	119,210
WASHINGTON	14,190	38,650
Subtotal	1,041,634	1,095,704
<u>Outside The United States</u>		
GREECE	15,450	15,450
GUAM	24,100	24,100
ICELAND	2,820	2,820
ITALY	5,463	5,463
SPAIN	2,240	2,240
Subtotal	50,073	50,073
<u>Various Locations</u>		
Various Locations	183,054	183,054
Various Locations	36,431	36,431
Various Locations	10,546	10,546
Subtotal	230,031	230,031
Total - FY 2002 Military Construction & Family Housing Program	1,321,738	1,375,808
Less Family Housing	304,400	304,400
Total - FY 2002 Military Construction Program	1,017,338	1,071,408

Department of the Navy
FY 2002 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
<u>Inside The United States</u>						
ARIZONA						
		MARINE CORPS AIR STATION <u>YUMA, ARIZONA</u>				
	474	AIR TRAFFIC CONTROL TOWER	6,750	6,750	2	43
	481A	LAND ACQUISITION, PHASE II	8,660	8,660	0	39
	483	STATION ORDNANCE AREA	7,160	7,160	45	35
	H-635	Family Housing Replacement (51 replacement homes)	9,017	9,017	N/A	
		Subtotal	31,587	31,587		
		Total - ARIZONA	31,587	31,587		
CALIFORNIA						
		MARINE CORPS AIR STATION <u>CAMP PENDLETON, CALIFORNIA</u>				
	017	AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS	4,470	4,470	45	85
		Subtotal	4,470	4,470		
		MARINE CORPS BASE <u>CAMP PENDLETON, CALIFORNIA</u>				
	017	BACHELOR ENLISTED QUARTERS, SAN MATEO	21,200	21,200	45	59
	033	RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY	11,980	11,980	2	67
	044	BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA	21,600	21,600	2	63
	061	HELO OUTLYING LANDING FIELD II	3,910	3,910	45	53
	068	RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS	11,180	11,180	2	73
	235	INDOOR PHYSICAL FITNESS FACILITY	13,460	13,460	45	49
	724	REGIMENTAL ARTILLERY MAINTENANCE COMPLEX	13,160	13,160	2	79
		Subtotal	96,490	96,490		
		NAVAL AIR FACILITY <u>EL CENTRO, CALIFORNIA</u>				
	234	TRANSIENT BACHELOR ENLISTED QUARTERS	23,520	23,520	2	91
		Subtotal	23,520	23,520		
		NAVAL AIR STATION <u>LEMOORE, CALIFORNIA</u>				
	194	BACHELOR ENLISTED QUARTERS	10,010	10,010	45	97
		Subtotal	10,010	10,010		
		NAVAL AIR WARFARE CENTER, WEAPONS DIV <u>POINT MUGU, CALIFORNIA</u>				
	250	SAN NICHOLAS ISLAND SUPPLY PIER	13,730	13,730	2	103
		Subtotal	13,730	13,730		

Department of the Navy
FY 2002 Military Construction and Family Housing Program
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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
		NAVAL CONSTRUCTION BATTALION CENTER <u>PORT HUENEME, CALIFORNIA</u>				
	532	PORT IMPROVEMENTS	12,400	12,400	2	115
		Subtotal	12,400	12,400		
		NAVAL CONSTRUCTION TRAINING CENTER <u>PORT HUENEME, CALIFORNIA</u>				
	520	CONSTRUCTION VEHICLE MAINTENANCE SCHOOL	3,780	3,780	2	109
		Subtotal	3,780	3,780		
		NAVAL AMPHIBIOUS BASE CORONADO <u>SAN DIEGO, CALIFORNIA</u>				
	780	EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING FACILITY	8,610	8,610	2	133
		Subtotal	8,610	8,610		
		NAVAL STATION <u>SAN DIEGO, CALIFORNIA</u>				
	254	BACHELOR ENLISTED QUARTERS	47,240	47,240	2	127
	326A	REPLACE PIERS 10 AND 11 (INCREMENT II)	0	17,500	55	123
		Subtotal	47,240	64,740		
		MARINE AIR GROUND TASK FORCE TRNG CMD <u>TWENTYNINE PALMS, CALIFORNIA</u>				
	497	SUPPORT INTEGRATION FACILITY	8,760	8,760	2	159
	557	ENLISTED DINING FACILITY	11,930	11,930	2	155
	609	VEHICLE WASH STATION	5,360	5,360	45	143
	621	ACADEMIC INSTRUCTION FACILITY	9,860	9,860	45	139
	683	AMMUNITION STORAGE FACILITY	9,540	9,540	2	147
	685	BACHELOR ENLISTED QUARTERS	29,675	29,675	2	151
	H-546	Family Housing Replacement (74 homes)	16,250	16,250	N/A	
		Subtotal	91,375	91,375		
		Total - CALIFORNIA	311,625	329,125		
DIST OF COLUMBIA		NAVAL AIR FACILITY WASHINGTON <u>ANDREWS AIR FORCE BASE, MARYLAND</u>				
	036	BACHELOR ENLISTED QUARTERS REPLACEMENT	9,810	9,810	60	165
		Subtotal	9,810	9,810		
		Total - DIST OF COLUMBIA	9,810	9,810		
FLORIDA		NAVAL AIR STATION <u>KEY WEST, FLORIDA</u>				
	679	OPERATIONS BUILDING/CONTROL TOWER	11,400	11,400	2	171
		Subtotal	11,400	11,400		
		NAVAL STATION <u>MAYPORT, FLORIDA</u>				
	772	BACHELOR ENLISTED QUARTERS	16,420	16,420	2	177
		Subtotal	16,420	16,420		

Department of the Navy
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Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
		NAVAL AIR STATION WHITING FIELD <u>MILTON, FLORIDA</u>				
	223	AIRFIELD APPROACH LIGHTING	2,140	2,140	2	183
		Subtotal	2,140	2,140		
		Total - FLORIDA	29,960	29,960		
HAWAII						
		COMMANDER IN CHIEF, PACIFIC <u>CAMP H.M. SMITH, HAWAII</u>				
	112B	CINCPAC HEADQUARTERS (INCREMENT III)	3,000	37,580	100	189
		Subtotal	3,000	37,580		
		MARINE CORPS BASE <u>KANEOHE BAY, HAWAII</u>				
	748	BACHELOR ENLISTED QUARTERS	24,920	24,920	35	197
	H-571	Family Housing Replacement (172 replacement homes)	46,996	46,996	N/A	
		Subtotal	71,916	71,916		
		NAVAL MAGAZINE <u>LUALUALEI, HAWAII</u>				
	171	SHORE POWER UPGRADE AT WHARVES W4/W5	6,000	6,000	2	203
		Subtotal	6,000	6,000		
		NAVAL SHIPYARD <u>PEARL HARBOR, HAWAII</u>				
	299	DRYDOCK SUPPORT FACILITY	7,900	7,900	2	209
	474	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	12,100	12,100	2	213
		Subtotal	20,000	20,000		
		NAVAL STATION <u>PEARL HARBOR, HAWAII</u>				
	467	BACHELOR ENLISTED QUARTERS REPLACEMENT	17,300	17,300	2	231
	594	BACHELOR ENLISTED QUARTERS MODERNIZATION	23,300	23,300	20	227
	H-377	Family Housing Replacement Hale Moku (70 replacement homes)	16,827	16,827	N/A	
		Subtotal	57,427	57,427		
		NAVY PUBLIC WORKS CENTER <u>PEARL HARBOR, HAWAII</u>				
	701	SEWER FORCE MAIN	16,900	16,900	35	219
		Subtotal	16,900	16,900		
		Total - HAWAII	175,243	209,823		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
ILLINOIS						
		NAVAL TRAINING CENTER <u>GREAT LAKES, ILLINOIS</u>				
	732	RECRUIT BARRACKS REPLACEMENT	41,130	41,130	35	237
	733	RECRUIT BARRACKS REPLACEMENT	41,130	41,130	35	241
		Subtotal	82,260	82,260		
		Total - ILLINOIS	82,260	82,260		
INDIANA						
		NAVAL SURFACE WARFARE CTR <u>CRANE, INDIANA</u>				
	315	SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY	5,820	5,820	2	247
		Subtotal	5,820	5,820		
		Total - INDIANA	5,820	5,820		
MAINE						
		NAVAL AIR STATION <u>BRUNSWICK, MAINE</u>				
	121	AIRCRAFT MAINTENANCE HANGAR	41,665	41,665	2	257
	182	BACHELOR ENLISTED QUARTERS	22,630	22,630	2	261
	189	P-3 SUPPORT FACILITY	3,100	3,100	35	253
		Subtotal	67,395	67,395		
		Total - MAINE	67,395	67,395		
MARYLAND						
		NAVAL AIR WARFARE CENTER, AIRCRAFT <u>DIVISION, PATUXENT RIVER, MARYLAND</u>				
	389E	ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)	0	10,770	75	267
	454	RANGE OPS SUPPORT FACILITY	2,260	2,260	40	271
		Subtotal	2,260	13,030		
		NAVAL EXPLOSIVE ORDNANCE DISPOSAL <u>TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND</u>				
	759	JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY	1,250	1,250	35	277
		Subtotal	1,250	1,250		
		Total - MARYLAND	3,510	14,280		
MISSISSIPPI						
		NAVAL CONSTRUCTION BATTALION CENTER <u>GULFPORT, MISSISSIPPI</u>				
	734	MOBILIZATION OPERATIONS FACILITY	7,360	7,360	2	283
	763	BACHELOR ENLISTED QUARTERS REPLACEMENT	14,300	14,300	2	287
	H-595	Family Housing (160 new homes)	23,354	23,354	N/A	
		Subtotal	45,014	45,014		
		Total - MISSISSIPPI	45,014	45,014		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
MISSOURI		MARINE CORPS SUPPORT ACTIVITY <u>KANSAS CITY, MISSOURI</u>				
	002	BACHELOR ENLISTED QUARTERS	9,010	9,010	2	293
		Subtotal	9,010	9,010		
		Total - MISSOURI	9,010	9,010		
NORTH CAROLINA		MARINE CORPS BASE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	079	LANDFILL CELL	8,290	8,290	35	315
	135	BACHELOR ENLISTED QUARTERS (BEQ)	16,530	16,530	35	303
	172	CONSOLIDATED ACADEMIC INSTRUCTION FACILITY	15,860	15,860	2	319
	266	ENGINEER EQUIPMENT MAINTENANCE SHOP	6,960	6,960	40	311
	886	AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I	5,880	5,880	40	307
	893	BACHELOR ENLISTED QUARTERS	13,550	13,550	35	299
		Subtotal	67,070	67,070		
		MARINE CORPS AIR STATION <u>NEW RIVER, NORTH CAROLINA</u>				
	512	PROPERTY CONTROL FACILITY	2,490	2,490	2	329
	513	PROPERTY CONTROL FACILITY	1,560	1,560	50	325
		Subtotal	4,050	4,050		
		Total - NORTH CAROLINA	71,120	71,120		
RHODE ISLAND		NAVAL STATION <u>NEWPORT, RHODE ISLAND</u>				
	416	SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING	15,290	15,290	35	335
		Subtotal	15,290	15,290		
		Total - RHODE ISLAND	15,290	15,290		
SOUTH CAROLINA		MARINE CORPS AIR STATION <u>BEAUFORT, SOUTH CAROLINA</u>				
	400	AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE	1,960	1,960	2	341
	403	CHILD DEVELOPMENT CENTER	6,060	6,060	2	345
		Subtotal	8,020	8,020		
		MARINE CORPS RECRUIT DEPOT <u>PARRIS ISLAND, SOUTH CAROLINA</u>				
	141	MILITARY POLICE AND EMERGENCY SERVICES FACILITY	5,430	5,430	2	353
		Subtotal	5,430	5,430		
		Total - SOUTH CAROLINA	13,450	13,450		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
TENNESSEE						
		NAVAL SUPPORT ACTIVITY MEMPHIS <u>MILLINGTON TENNESSEE</u>				
	299	ELEVATED WATER TANK	3,900	3,900	2	359
		Subtotal	3,900	3,900		
		Total - TENNESSEE	3,900	3,900		
VIRGINIA						
		NAVAL STATION <u>NORFOLK, VIRGINIA</u>				
	151	AIRFIELD PAVEMENTS UPGRADE	6,360	6,360	35	365
	226	PIER REPLACEMENT (INCREMENT I)	61,450	28,210	60	369
	269	BACHELOR ENLISTED QUARTERS MODERNIZATION	14,730	14,730	35	385
	302	DEPERMING PIER REPLACEMENT	2,810	2,810	35	381
	366	WATERFRONT ELECTRICAL UPGRADE	12,900	12,900	2	393
	367	WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE	15,620	15,620	35	377
	523	AIRCRAFT MAINTENANCE HANGAR REPLACEMENT	11,300	11,300	35	373
	525	AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)	14,100	14,100	2	389
		Subtotal	139,270	106,030		
		MARINE CORPS AIR FACILITY <u>QUANTICO, VIRGINIA</u>				
	516	FIRE AND RESCUE STATION	3,790	3,790	30	399
		Subtotal	3,790	3,790		
		MARINE CORPS COMBAT DEVELOPMENT COMMAND <u>QUANTICO, VIRGINIA</u>				
	486	BACHELOR ENLISTED QUARTERS (SNCO)	9,390	9,390	35	405
		Subtotal	9,390	9,390		
		Total - VIRGINIA	152,450	119,210		
WASHINGTON						
		STRATEGIC WEAPONS FACILITY PACIFIC <u>BANGOR, WASHINGTON</u>				
	955	UTILITIES AND SITE IMPROVEMENTS	3,900	3,900	70	411
		Subtotal	3,900	3,900		
		NAVAL STATION <u>BREMERTON, WASHINGTON</u>				
	341A	PIER DELTA REPLACEMENT (INCREMENT II)	0	24,460	90	417
		Subtotal	0	24,460		
		NAVAL STATION <u>EVERETT, WASHINGTON</u>				
	045	SHORE INTERMEDIATE MAINTENANCE FACILITY	6,820	6,820	2	423
		Subtotal	6,820	6,820		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
		NAVAL AIR STATION <u>WHIDBEY ISLAND, WASHINGTON</u>				
	153	P-3 SUPPORT FACILITY	3,470	3,470	45	429
		Subtotal	3,470	3,470		
		Total - WASHINGTON	14,190	38,650		
		Total - Inside The United States	1,041,634	1,095,704		
		<u>Outside The United States</u>				
GREECE		NAVAL SUPPORT ACT JOINT HQ CMD SO CEN <u>LARISSA, GREECE</u>				
	900	BACHELOR ENLISTED QUARTERS	12,240	12,240	35	435
		Subtotal	12,240	12,240		
		NAVAL SUPPORT ACTIVITY <u>SOUDA BAY, CRETE</u>				
	832	SEWAGE TREATMENT PLANT ADDITION	3,210	3,210	35	441
		Subtotal	3,210	3,210		
		Total - GREECE	15,450	15,450		
GUAM		PUBLIC WORKS CENTER <u>GUAM</u>				
	250	WATERFRONT UTILITIES UPGRADE	14,800	14,800	2	447
		Subtotal	14,800	14,800		
		COMMANDER, U.S. NAVAL FORCES <u>MARIANAS, MAIN BASE, GUAM</u>				
	998	BACHELOR ENLISTED QUARTERS MODERNIZATION	9,300	9,300	20	453
		Subtotal	9,300	9,300		
		Total - GUAM	24,100	24,100		
ICELAND		NAVAL AIR STATION <u>KEFLAVIK, ICELAND</u>				
	005	SOLID WASTE DISPOSAL CONNECTION CHARGE	2,820	2,820	0	459
		Subtotal	2,820	2,820		
		Total - ICELAND	2,820	2,820		
ITALY		NAVAL AIR STATION <u>SIGONELLA, ITALY</u>				
	463	P-3 SUPPORT FACILITY	3,060	3,060	35	465
	H-588	Family Housing Replacement (10 replacement homes)	2,403	2,403	N/A	
		Subtotal	5,463	5,463		
		Total - ITALY	5,463	5,463		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
SPAIN		NAVAL STATION				
		<u>ROTA, SPAIN</u>				
	675	AIRCRAFT FIRE AND RESCUE ADDITION	2,240	2,240	2	471
		Subtotal	2,240	2,240		
		Total - SPAIN	2,240	2,240		
		Total - Outside The United States	50,073	50,073		
		<u>Various Locations</u>				
	H-201	Construction Improvements (Family Housing)	183,054	183,054	N/A	
	202	PLANNING AND DESIGN	29,932	29,932	0	475
	H-201	Planning and Design (Family Housing)	6,499	6,499	N/A	
	202	UNSPECIFIED MINOR CONSTRUCTION	10,546	10,546	0	477
		Total - Various Locations	230,031	230,031		
		Total - FY 2002 Military Construction Program	1,017,338	1,071,408		
		Total - FY 2002 Military Construction Family Housing Program	304,400	304,400		
		Grand Total	1,321,738	1,375,808		

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<u>Inside The United States</u>						
CALIFORNIA						
		NAVAL AIR FACILITY <u>EL CENTRO, CALIFORNIA</u>				
	234	TRANSIENT BACHELOR ENLISTED QUARTERS	23,520	23,520	2	91
		Subtotal	23,520	23,520		
		NAVAL AIR STATION <u>LEMOORE, CALIFORNIA</u>				
	194	BACHELOR ENLISTED QUARTERS	10,010	10,010	45	97
		Subtotal	10,010	10,010		
		NAVAL AIR WARFARE CENTER, WEAPONS DIV <u>POINT MUGU, CALIFORNIA</u>				
	250	SAN NICHOLAS ISLAND SUPPLY PIER	13,730	13,730	2	103
		Subtotal	13,730	13,730		
		NAVAL CONSTRUCTION BATTALION CENTER <u>PORT HUENEME, CALIFORNIA</u>				
	532	PORT IMPROVEMENTS	12,400	12,400	2	115
		Subtotal	12,400	12,400		
		NAVAL CONSTRUCTION TRAINING CENTER <u>PORT HUENEME, CALIFORNIA</u>				
	520	CONSTRUCTION VEHICLE MAINTENANCE SCHOOL	3,780	3,780	2	109
		Subtotal	3,780	3,780		
		NAVAL STATION <u>SAN DIEGO, CALIFORNIA</u>				
	254	BACHELOR ENLISTED QUARTERS	47,240	47,240	2	127
	326A	REPLACE PIERS 10 AND 11 (INCREMENT II)	0	17,500	55	123
		Subtotal	47,240	64,740		
		Total - CALIFORNIA	110,680	128,180		
DIST OF COLUMBIA						
		NAVAL AIR FACILITY WASHINGTON <u>ANDREWS AIR FORCE BASE, MARYLAND</u>				
	036	BACHELOR ENLISTED QUARTERS REPLACEMENT	9,810	9,810	60	165
		Subtotal	9,810	9,810		
		Total - DIST OF COLUMBIA	9,810	9,810		
FLORIDA						
		NAVAL AIR STATION <u>KEY WEST, FLORIDA</u>				
	679	OPERATIONS BUILDING/CONTROL TOWER	11,400	11,400	2	171
		Subtotal	11,400	11,400		
		NAVAL STATION <u>MAYPORT, FLORIDA</u>				
	772	BACHELOR ENLISTED QUARTERS	16,420	16,420	2	177
		Subtotal	16,420	16,420		

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State/Country	Proj No.	Location	Auth Request (\$000)	Appr Request (\$000)	% Design As Of Jan 01	Page No.
		NAVAL AIR STATION WHITING FIELD <u>MILTON, FLORIDA</u>				
	223	AIRFIELD APPROACH LIGHTING	2,140	2,140	2	183
		Subtotal	2,140	2,140		
		Total - FLORIDA	29,960	29,960		
HAWAII		COMMANDER IN CHIEF, PACIFIC <u>CAMP H.M. SMITH, HAWAII</u>				
	112B	CINCPAC HEADQUARTERS (INCREMENT III)	3,000	37,580	100	189
		Subtotal	3,000	37,580		
		NAVAL MAGAZINE <u>LUALUALEI, HAWAII</u>				
	171	SHORE POWER UPGRADE AT WHARVES W4/W5	6,000	6,000	2	203
		Subtotal	6,000	6,000		
		NAVAL SHIPYARD <u>PEARL HARBOR, HAWAII</u>				
	299	DRYDOCK SUPPORT FACILITY	7,900	7,900	2	209
	474	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	12,100	12,100	2	213
		Subtotal	20,000	20,000		
		NAVAL STATION <u>PEARL HARBOR, HAWAII</u>				
	467	BACHELOR ENLISTED QUARTERS REPLACEMENT	17,300	17,300	2	231
	594	BACHELOR ENLISTED QUARTERS MODERNIZATION	23,300	23,300	20	227
	H-377	Family Housing Replacement Hale Moku (70 replacement homes)	16,827	16,827	N/A	
		Subtotal	57,427	57,427		
		NAVY PUBLIC WORKS CENTER <u>PEARL HARBOR, HAWAII</u>				
	701	SEWER FORCE MAIN	16,900	16,900	35	219
		Subtotal	16,900	16,900		
		Total - HAWAII	103,327	137,907		
ILLINOIS		NAVAL TRAINING CENTER <u>GREAT LAKES, ILLINOIS</u>				
	732	RECRUIT BARRACKS REPLACEMENT	41,130	41,130	35	237
	733	RECRUIT BARRACKS REPLACEMENT	41,130	41,130	35	241
		Subtotal	82,260	82,260		
		Total - ILLINOIS	82,260	82,260		

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INDIANA		NAVAL SURFACE WARFARE CTR <u>CRANE, INDIANA</u>				
	315	SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY	5,820	5,820	2	247
		Subtotal	5,820	5,820		
		Total - INDIANA	5,820	5,820		
MAINE		NAVAL AIR STATION <u>BRUNSWICK, MAINE</u>				
	121	AIRCRAFT MAINTENANCE HANGAR	41,665	41,665	2	257
	182	BACHELOR ENLISTED QUARTERS	22,630	22,630	2	261
	189	P-3 SUPPORT FACILITY	3,100	3,100	35	253
		Subtotal	67,395	67,395		
		Total - MAINE	67,395	67,395		
MARYLAND		NAVAL AIR WARFARE CENTER, AIRCRAFT <u>DIVISION, PATUXENT RIVER, MARYLAND</u>				
	389E	ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)	0	10,770	75	267
	454	RANGE OPS SUPPORT FACILITY	2,260	2,260	40	271
		Subtotal	2,260	13,030		
		NAVAL EXPLOSIVE ORDNANCE DISPOSAL <u>TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND</u>				
	759	JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY	1,250	1,250	35	277
		Subtotal	1,250	1,250		
		Total - MARYLAND	3,510	14,280		
MISSISSIPPI		NAVAL CONSTRUCTION BATTALION CENTER <u>GULFPORT, MISSISSIPPI</u>				
	734	MOBILIZATION OPERATIONS FACILITY	7,360	7,360	2	283
	763	BACHELOR ENLISTED QUARTERS REPLACEMENT	14,300	14,300	2	287
	H-595	Family Housing (160 new homes)	23,354	23,354	N/A	
		Subtotal	45,014	45,014		
		Total - MISSISSIPPI	45,014	45,014		
RHODE ISLAND		NAVAL STATION <u>NEWPORT, RHODE ISLAND</u>				
	416	SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING	15,290	15,290	35	335
		Subtotal	15,290	15,290		
		Total - RHODE ISLAND	15,290	15,290		

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TENNESSEE		NAVAL SUPPORT ACTIVITY MEMPHIS <u>MILLINGTON TENNESSEE</u>				
	299	ELEVATED WATER TANK	3,900	3,900	2	359
		Subtotal	3,900	3,900		
		Total - TENNESSEE	3,900	3,900		
VIRGINIA		NAVAL STATION <u>NORFOLK, VIRGINIA</u>				
	151	AIRFIELD PAVEMENTS UPGRADE	6,360	6,360	35	365
	226	PIER REPLACEMENT (INCREMENT I)	61,450	28,210	60	369
	269	BACHELOR ENLISTED QUARTERS MODERNIZATION	14,730	14,730	35	385
	302	DEPERMING PIER REPLACEMENT	2,810	2,810	35	381
	366	WATERFRONT ELECTRICAL UPGRADE	12,900	12,900	2	393
	367	WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE	15,620	15,620	35	377
	523	AIRCRAFT MAINTENANCE HANGAR REPLACEMENT	11,300	11,300	35	373
	525	AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)	14,100	14,100	2	389
		Subtotal	139,270	106,030		
		Total - VIRGINIA	139,270	106,030		
WASHINGTON		STRATEGIC WEAPONS FACILITY PACIFIC <u>BANGOR, WASHINGTON</u>				
	955	UTILITIES AND SITE IMPROVEMENTS	3,900	3,900	70	411
		Subtotal	3,900	3,900		
		NAVAL STATION <u>BREMERTON, WASHINGTON</u>				
	341A	PIER DELTA REPLACEMENT (INCREMENT II)	0	24,460	90	417
		Subtotal	0	24,460		
		NAVAL STATION <u>EVERETT, WASHINGTON</u>				
	045	SHORE INTERMEDIATE MAINTENANCE FACILITY	6,820	6,820	2	423
		Subtotal	6,820	6,820		
		NAVAL AIR STATION <u>WHIDBEY ISLAND, WASHINGTON</u>				
	153	P-3 SUPPORT FACILITY	3,470	3,470	45	429
		Subtotal	3,470	3,470		
		Total - WASHINGTON	14,190	38,650		
		Total - Inside The United States	630,426	684,496		

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<u>Outside The United States</u>						
GREECE						
		NAVAL SUPPORT ACT JOINT HQ CMD SO CEN <u>LARISSA, GREECE</u>				
	900	BACHELOR ENLISTED QUARTERS	12,240	12,240	35	435
		Subtotal	12,240	12,240		
		NAVAL SUPPORT ACTIVITY <u>SOUDA BAY, CRETE</u>				
	832	SEWAGE TREATMENT PLANT ADDITION	3,210	3,210	35	441
		Subtotal	3,210	3,210		
		Total - GREECE	15,450	15,450		
GUAM						
		PUBLIC WORKS CENTER <u>GUAM</u>				
	250	WATERFRONT UTILITIES UPGRADE	14,800	14,800	2	447
		Subtotal	14,800	14,800		
		COMMANDER, U.S. NAVAL FORCES <u>MARIANAS, MAIN BASE, GUAM</u>				
	998	BACHELOR ENLISTED QUARTERS MODERNIZATION	9,300	9,300	20	453
		Subtotal	9,300	9,300		
		Total - GUAM	24,100	24,100		
ICELAND						
		NAVAL AIR STATION <u>KEFLAVIK, ICELAND</u>				
	005	SOLID WASTE DISPOSAL CONNECTION CHARGE	2,820	2,820	0	459
		Subtotal	2,820	2,820		
		Total - ICELAND	2,820	2,820		
ITALY						
		NAVAL AIR STATION <u>SIGONELLA, ITALY</u>				
	463	P-3 SUPPORT FACILITY	3,060	3,060	35	465
	H-588	Family Housing Replacement (10 replacement homes)	2,403	2,403	N/A	
		Subtotal	5,463	5,463		
		Total - ITALY	5,463	5,463		
SPAIN						
		NAVAL STATION <u>ROTA, SPAIN</u>				
	675	AIRCRAFT FIRE AND RESCUE ADDITION	2,240	2,240	2	471
		Subtotal	2,240	2,240		
		Total - SPAIN	2,240	2,240		
		Total - Outside The United States	50,073	50,073		

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		<u>Various Locations</u>				
	H-201	Construction Improvements (Family Housing)	183,054	183,054	N/A	
	202	PLANNING AND DESIGN	29,932	29,932	0	475
	H-201	Planning and Design (Family Housing)	6,499	6,499	N/A	
	202	UNSPECIFIED MINOR CONSTRUCTION	10,546	10,546	0	477
		Total - Various Locations	230,031	230,031		

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<u>Inside The United States</u>						
ARIZONA						
		MARINE CORPS AIR STATION <u>YUMA, ARIZONA</u>				
	474	AIR TRAFFIC CONTROL TOWER	6,750	6,750	2	43
	481A	LAND ACQUISITION, PHASE II	8,660	8,660	0	39
	483	STATION ORDNANCE AREA	7,160	7,160	45	35
	H-635	Family Housing Replacement (51 replacement homes)	9,017	9,017	N/A	
		Subtotal	31,587	31,587		
		Total - ARIZONA	31,587	31,587		
CALIFORNIA						
		MARINE CORPS AIR STATION <u>CAMP PENDLETON, CALIFORNIA</u>				
	017	AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS	4,470	4,470	45	85
		Subtotal	4,470	4,470		
		MARINE CORPS BASE <u>CAMP PENDLETON, CALIFORNIA</u>				
	017	BACHELOR ENLISTED QUARTERS, SAN MATEO	21,200	21,200	45	59
	033	RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY	11,980	11,980	2	67
	044	BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA	21,600	21,600	2	63
	061	HELO OUTLYING LANDING FIELD II	3,910	3,910	45	53
	068	RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS	11,180	11,180	2	73
	235	INDOOR PHYSICAL FITNESS FACILITY	13,460	13,460	45	49
	724	REGIMENTAL ARTILLERY MAINTENANCE COMPLEX	13,160	13,160	2	79
		Subtotal	96,490	96,490		
		NAVAL AMPHIBIOUS BASE CORONADO <u>SAN DIEGO, CALIFORNIA</u>				
	780	EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING FACILITY	8,610	8,610	2	133
		Subtotal	8,610	8,610		
		MARINE AIR GROUND TASK FORCE TRNG CMD <u>TWENTYNINE PALMS, CALIFORNIA</u>				
	497	SUPPORT INTEGRATION FACILITY	8,760	8,760	2	159
	557	ENLISTED DINING FACILITY	11,930	11,930	2	155
	609	VEHICLE WASH STATION	5,360	5,360	45	143
	621	ACADEMIC INSTRUCTION FACILITY	9,860	9,860	45	139
	683	AMMUNITION STORAGE FACILITY	9,540	9,540	2	147
	685	BACHELOR ENLISTED QUARTERS	29,675	29,675	2	151
	H-546	Family Housing Replacement (74 homes)	16,250	16,250	N/A	
		Subtotal	91,375	91,375		
		Total - CALIFORNIA	200,945	200,945		

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HAWAII						
		MARINE CORPS BASE <u>KANEOHE BAY, HAWAII</u>				
	748	BACHELOR ENLISTED QUARTERS	24,920	24,920	35	197
	H-571	Family Housing Replacement (172 replacement homes)	46,996	46,996	N/A	
		Subtotal	71,916	71,916		
		Total - HAWAII	71,916	71,916		
MISSOURI						
		MARINE CORPS SUPPORT ACTIVITY <u>KANSAS CITY, MISSOURI</u>				
	002	BACHELOR ENLISTED QUARTERS	9,010	9,010	2	293
		Subtotal	9,010	9,010		
		Total - MISSOURI	9,010	9,010		
NORTH CAROLINA						
		MARINE CORPS BASE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	079	LANDFILL CELL	8,290	8,290	35	315
	135	BACHELOR ENLISTED QUARTERS (BEQ)	16,530	16,530	35	303
	172	CONSOLIDATED ACADEMIC INSTRUCTION FACILITY	15,860	15,860	2	319
	266	ENGINEER EQUIPMENT MAINTENANCE SHOP	6,960	6,960	40	311
	886	AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I	5,880	5,880	40	307
	893	BACHELOR ENLISTED QUARTERS	13,550	13,550	35	299
		Subtotal	67,070	67,070		
		MARINE CORPS AIR STATION <u>NEW RIVER, NORTH CAROLINA</u>				
	512	PROPERTY CONTROL FACILITY	2,490	2,490	2	329
	513	PROPERTY CONTROL FACILITY	1,560	1,560	50	325
		Subtotal	4,050	4,050		
		Total - NORTH CAROLINA	71,120	71,120		
SOUTH CAROLINA						
		MARINE CORPS AIR STATION <u>BEAUFORT, SOUTH CAROLINA</u>				
	400	AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE	1,960	1,960	2	341
	403	CHILD DEVELOPMENT CENTER	6,060	6,060	2	345
		Subtotal	8,020	8,020		
		MARINE CORPS RECRUIT DEPOT <u>PARRIS ISLAND, SOUTH CAROLINA</u>				
	141	MILITARY POLICE AND EMERGENCY SERVICES FACILITY	5,430	5,430	2	353
		Subtotal	5,430	5,430		
		Total - SOUTH CAROLINA	13,450	13,450		

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VIRGINIA		MARINE CORPS AIR FACILITY <u>QUANTICO, VIRGINIA</u>				
	516	FIRE AND RESCUE STATION	3,790	3,790	30	399
		Subtotal	3,790	3,790		
		MARINE CORPS COMBAT DEVELOPMENT COMMAND <u>QUANTICO, VIRGINIA</u>				
	486	BACHELOR ENLISTED QUARTERS (SNCO)	9,390	9,390	35	405
		Subtotal	9,390	9,390		
		Total - VIRGINIA	13,180	13,180		
		Total - Inside The United States	411,208	411,208		

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ARIZONA				
MARINE CORPS AIR STATION	474	AIR TRAFFIC CONTROL TOWER	6,750	Current
YUMA, ARIZONA				
MARINE CORPS AIR STATION	481A	LAND ACQUISITION, PHASE II	8,660	Current
YUMA, ARIZONA				
MARINE CORPS AIR STATION	483	STATION ORDNANCE AREA	7,160	Current
YUMA, ARIZONA				
CALIFORNIA				
MARINE CORPS BASE	017	BACHELOR ENLISTED QUARTERS, SAN MATEO	21,200	Current
CAMP PENDLETON, CALIFORNIA				
MARINE CORPS AIR STATION	017	AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS	4,470	Current
CAMP PENDLETON, CALIFORNIA				
MARINE CORPS BASE	033	RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY	11,980	Current
CAMP PENDLETON, CALIFORNIA				
MARINE CORPS BASE	044	BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA	21,600	Current
CAMP PENDLETON, CALIFORNIA				
MARINE CORPS BASE	061	HELO OUTLYING LANDING FIELD II	3,910	Current
CAMP PENDLETON, CALIFORNIA				
MARINE CORPS BASE	068	RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS	11,180	Current
CAMP PENDLETON, CALIFORNIA				
NAVAL AIR STATION	194	BACHELOR ENLISTED QUARTERS	10,010	Current
LEMOORE, CALIFORNIA				
NAVAL AIR FACILITY	234	TRANSIENT BACHELOR ENLISTED QUARTERS	23,520	Current

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EL CENTRO, CALIFORNIA				
MARINE CORPS BASE	235	INDOOR PHYSICAL FITNESS FACILITY	13,460	Current
CAMP PENDLETON, CALIFORNIA				
NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA	250	SAN NICHOLAS ISLAND SUPPLY PIER	13,730	Current
NAVAL STATION	254	BACHELOR ENLISTED QUARTERS	47,240	Current
SAN DIEGO, CALIFORNIA				
NAVAL STATION	326A	REPLACE PIERS 10 AND 11 (INCREMENT II)	17,500	Current
SAN DIEGO, CALIFORNIA				
MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA	497	SUPPORT INTEGRATION FACILITY	8,760	Current
NAVAL CONSTRUCTION TRAINING CENTER PORT HUENEME, CALIFORNIA	520	CONSTRUCTION VEHICLE MAINTENANCE SCHOOL	3,780	Current
NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CALIFORNIA	532	PORT IMPROVEMENTS	12,400	Current
MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA	557	ENLISTED DINING FACILITY	11,930	Current
MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA	609	VEHICLE WASH STATION	5,360	Current
MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA	621	ACADEMIC INSTRUCTION FACILITY	9,860	Current
MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA	683	AMMUNITION STORAGE FACILITY	9,540	Current
MARINE AIR GROUND TASK FORCE TRNG CMD	685	BACHELOR ENLISTED QUARTERS	29,675	Current

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TWENTYNINE PALMS, CALIFORNIA				
MARINE CORPS BASE	724	REGIMENTAL ARTILLERY MAINTENANCE COMPLEX	13,160	Current
CAMP PENDLETON, CALIFORNIA				
NAVAL AMPHIBIOUS BASE CORONADO	780	EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING FACILITY	8,610	Current
SAN DIEGO, CALIFORNIA				
DIST OF COLUMBIA				
NAVAL AIR FACILITY WASHINGTON	036	BACHELOR ENLISTED QUARTERS REPLACEMENT	9,810	Current
ANDREWS AIR FORCE BASE, MARYLAND				
FLORIDA				
NAVAL AIR STATION WHITING FIELD MILTON, FLORIDA	223	AIRFIELD APPROACH LIGHTING	2,140	New
NAVAL AIR STATION	679	OPERATIONS BUILDING/CONTROL TOWER	11,400	Current
KEY WEST, FLORIDA				
NAVAL STATION	772	BACHELOR ENLISTED QUARTERS	16,420	Current
MAYPORT, FLORIDA				
HAWAII				
COMMANDER IN CHIEF, PACIFIC	112B	CINCPAC HEADQUARTERS (INCREMENT III)	37,580	Current
CAMP H.M. SMITH, HAWAII				
NAVAL MAGAZINE	171	SHORE POWER UPGRADE AT WHARVES W4/W5	6,000	Current
LUALUALEI, HAWAII				
NAVAL SHIPYARD	299	DRYDOCK SUPPORT FACILITY	7,900	Current
PEARL HARBOR, HAWAII				
NAVAL STATION	467	BACHELOR ENLISTED QUARTERS REPLACEMENT	17,300	Current
PEARL HARBOR, HAWAII				

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NAVAL SHIPYARD	474	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS		Current
PEARL HARBOR, HAWAII				
NAVAL STATION	594	BACHELOR ENLISTED QUARTERS MODERNIZATION	23,300	Current
PEARL HARBOR, HAWAII				
NAVY PUBLIC WORKS CENTER	701	SEWER FORCE MAIN	16,900	Current
PEARL HARBOR, HAWAII				
MARINE CORPS BASE	748	BACHELOR ENLISTED QUARTERS	24,920	Current
KANEOHE BAY, HAWAII				
ILLINOIS				
NAVAL TRAINING CENTER	732	RECRUIT BARRACKS REPLACEMENT	41,130	Current
GREAT LAKES, ILLINOIS				
NAVAL TRAINING CENTER	733	RECRUIT BARRACKS REPLACEMENT	41,130	Current
GREAT LAKES, ILLINOIS				
INDIANA				
NAVAL SURFACE WARFARE CTR	315	SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY	5,820	Current
CRANE, INDIANA				
MAINE				
NAVAL AIR STATION	121	AIRCRAFT MAINTENANCE HANGAR	41,665	Current
BRUNSWICK, MAINE				
NAVAL AIR STATION	182	BACHELOR ENLISTED QUARTERS	22,630	Current
BRUNSWICK, MAINE				
NAVAL AIR STATION	189	P-3 SUPPORT FACILITY	3,100	Current
BRUNSWICK, MAINE				

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MARYLAND				
NAVAL AIR WARFARE CENTER, AIRCRAFT DIVISION, PATUXENT RIVER, MARYLAND	389E	ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)	10,770	Current
NAVAL AIR WARFARE CENTER, AIRCRAFT DIVISION, PATUXENT RIVER, MARYLAND	454	RANGE OPS SUPPORT FACILITY	2,260	Current
NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND	759	JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY	1,250	Current
MISSISSIPPI				
NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI	734	MOBILIZATION OPERATIONS FACILITY	7,360	Current
NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI	763	BACHELOR ENLISTED QUARTERS REPLACEMENT	14,300	Current
MISSOURI				
MARINE CORPS SUPPORT ACTIVITY KANSAS CITY, MISSOURI	002	BACHELOR ENLISTED QUARTERS	9,010	Current
NORTH CAROLINA				
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	079	LANDFILL CELL	8,290	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	135	BACHELOR ENLISTED QUARTERS (BEQ)	16,530	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	172	CONSOLIDATED ACADEMIC INSTRUCTION FACILITY	15,860	Current
MARINE CORPS BASE	266	ENGINEER EQUIPMENT MAINTENANCE SHOP	6,960	

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CAMP LEJEUNE, NORTH CAROLINA MARINE CORPS AIR STATION	512	PROPERTY CONTROL FACILITY	2,490	Current
NEW RIVER, NORTH CAROLINA MARINE CORPS AIR STATION	513	PROPERTY CONTROL FACILITY	1,560	Current
NEW RIVER, NORTH CAROLINA MARINE CORPS BASE	886	AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I	5,880	Current
CAMP LEJEUNE, NORTH CAROLINA MARINE CORPS BASE	893	BACHELOR ENLISTED QUARTERS	13,550	Current
CAMP LEJEUNE, NORTH CAROLINA				
RHODE ISLAND				
NAVAL STATION NEWPORT, RHODE ISLAND	416	SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING	15,290	Current
SOUTH CAROLINA				
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	141	MILITARY POLICE AND EMERGENCY SERVICES FACILITY	5,430	Current
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA	400	AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE	1,960	Current
MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA	403	CHILD DEVELOPMENT CENTER	6,060	Current
TENNESSEE				
NAVAL SUPPORT ACTIVITY MEMPHIS MILLINGTON TENNESSEE	299	ELEVATED WATER TANK	3,900	Current

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VIRGINIA				
NAVAL STATION	151	AIRFIELD PAVEMENTS UPGRADE	6,360	Current
NORFOLK, VIRGINIA				
NAVAL STATION	226	PIER REPLACEMENT (INCREMENT I)	28,210	Current
NORFOLK, VIRGINIA				
NAVAL STATION	269	BACHELOR ENLISTED QUARTERS MODERNIZATION	14,730	Current
NORFOLK, VIRGINIA				
NAVAL STATION	302	DEPERMING PIER REPLACEMENT	2,810	Current
NORFOLK, VIRGINIA				
NAVAL STATION	366	WATERFRONT ELECTRICAL UPGRADE	12,900	Current
NORFOLK, VIRGINIA				
NAVAL STATION	367	WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE	15,620	Current
NORFOLK, VIRGINIA				
MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA	486	BACHELOR ENLISTED QUARTERS (SNCO)	9,390	Current
MARINE CORPS AIR FACILITY	516	FIRE AND RESCUE STATION	3,790	Current
QUANTICO, VIRGINIA				
NAVAL STATION	523	AIRCRAFT MAINTENANCE HANGAR REPLACEMENT	11,300	Current
NORFOLK, VIRGINIA				
NAVAL STATION	525	AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)	14,100	Current
NORFOLK, VIRGINIA				
WASHINGTON				
NAVAL STATION	045	SHORE INTERMEDIATE MAINTENANCE FACILITY	6,820	Current
EVERETT, WASHINGTON				

Department of the Navy
FY 2002 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
NAVAL AIR STATION	153	P-3 SUPPORT FACILITY		
WHIDBEY ISLAND, WASHINGTON				Current
NAVAL STATION	341A	PIER DELTA REPLACEMENT (INCREMENT II)	24,460	
BREMERTON, WASHINGTON				Current
STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON	955	UTILITIES AND SITE IMPROVEMENTS	3,900	New
<u>Outside The United States</u>				
GREECE				
NAVAL SUPPORT ACTIVITY	832	SEWAGE TREATMENT PLANT ADDITION	3,210	
SOUDA BAY, CRETE				Current
NAVAL SUPPORT ACT JOINT HQ CMD SO CEN LARISSA, GREECE	900	BACHELOR ENLISTED QUARTERS	12,240	New
GUAM				
PUBLIC WORKS CENTER	250	WATERFRONT UTILITIES UPGRADE	14,800	
GUAM				Current
COMMANDER, U.S. NAVAL FORCES	998	BACHELOR ENLISTED QUARTERS MODERNIZATION	9,300	
MARIANAS, MAIN BASE, GUAM				Current
ICELAND				
NAVAL AIR STATION	005	SOLID WASTE DISPOSAL CONNECTION CHARGE	2,820	
KEFLAVIK, ICELAND				Current
ITALY				
NAVAL AIR STATION	463	P-3 SUPPORT FACILITY	3,060	
SIGONELLA, ITALY				Current

Department of the Navy
FY 2002 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
SPAIN				
NAVAL STATION	675	AIRCRAFT FIRE AND RESCUE ADDITION	2,240	
ROTA, SPAIN				Current
Various Locations				
		<u>Various Locations</u>		
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	202	PLANNING AND DESIGN	29,932	
				Current
Various Locations				
		<u>Various Locations</u>		
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	202	UNSPECIFIED MINOR CONSTRUCTION	10,546	
				Current

Department of the Navy
FY 2002 Military Construction and Family Housing Program
Installation Index

Installation	Location	DD1390 PageNo.
<u>A</u>		
NAVAL AIR FACILITY WASHINGTON	ANDREWS AIR FORCE BASE, MARYLAND	163
<u>B</u>		
STRATEGIC WEAPONS FACILITY PACIFIC	BANGOR, WASHINGTON	409
MARINE CORPS AIR STATION	BEAUFORT, SOUTH CAROLINA	339
NAVAL STATION	BREMERTON, WASHINGTON	415
NAVAL AIR STATION	BRUNSWICK, MAINE	251
<u>C</u>		
COMMANDER IN CHIEF, PACIFIC	CAMP H.M. SMITH, HAWAII	187
MARINE CORPS BASE	CAMP LEJEUNE, NORTH CAROLINA	297
MARINE CORPS BASE	CAMP PENDLETON, CALIFORNIA	47
MARINE CORPS AIR STATION	CAMP PENDLETON, CALIFORNIA	83
NAVAL SURFACE WARFARE CTR	CRANE, INDIANA	245
<u>D</u>		
NAVAL AIR WARFARE CENTER, AIRCRAFT	DIVISION, PATUXENT RIVER, MARYLAND	265
<u>E</u>		
NAVAL AIR FACILITY	EL CENTRO, CALIFORNIA	89
NAVAL STATION	EVERETT, WASHINGTON	421
<u>G</u>		
NAVAL TRAINING CENTER	GREAT LAKES, ILLINOIS	235
NAVAL CONSTRUCTION BATTALION CENTER	GULFPORT, MISSISSIPPI	281
<u>K</u>		
MARINE CORPS BASE	KANEOHE BAY, HAWAII	195
MARINE CORPS SUPPORT ACTIVITY	KANSAS CITY, MISSOURI	291
NAVAL AIR STATION	KEY WEST, FLORIDA	169
<u>L</u>		
NAVAL AIR STATION	LEMOORE, CALIFORNIA	95
NAVAL MAGAZINE	LUALUALEI, HAWAII	201
<u>M</u>		
NAVAL STATION	MAYPORT, FLORIDA	175
NAVAL SUPPORT ACTIVITY MEMPHIS	MILLINGTON TENNESSEE	357
NAVAL AIR STATION WHITING FIELD	MILTON, FLORIDA	181
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MARINE CORPS AIR STATION	NEW RIVER, NORTH CAROLINA	323
NAVAL STATION	NEWPORT, RHODE ISLAND	333
NAVAL STATION	NORFOLK, VIRGINIA	363
<u>P</u>		
MARINE CORPS RECRUIT DEPOT	PARRIS ISLAND, SOUTH CAROLINA	351

Department of the Navy
FY 2002 Military Construction and Family Housing Program
Installation Index

Installation	Location	DD1390 PageNo.
NAVAL SHIPYARD	PEARL HARBOR, HAWAII	
NAVY PUBLIC WORKS CENTER	PEARL HARBOR, HAWAII	217
NAVAL STATION	PEARL HARBOR, HAWAII	225
NAVAL AIR WARFARE CENTER, WEAPONS DIV	POINT MUGU, CALIFORNIA	101
NAVAL CONSTRUCTION TRAINING CENTER	PORT HUENEME, CALIFORNIA	107
NAVAL CONSTRUCTION BATTALION CENTER	PORT HUENEME, CALIFORNIA	113
 <u>Q</u>		
MARINE CORPS AIR FACILITY	QUANTICO, VIRGINIA	397
MARINE CORPS COMBAT DEVELOPMENT COMMAND	QUANTICO, VIRGINIA	403
 <u>S</u>		
NAVAL STATION	SAN DIEGO, CALIFORNIA	121
NAVAL AMPHIBIOUS BASE CORONADO	SAN DIEGO, CALIFORNIA	131
 <u>T</u>		
NAVAL EXPLOSIVE ORDNANCE DISPOSAL	TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND	275
MARINE AIR GROUND TASK FORCE TRNG CMD	TWENTYNINE PALMS, CALIFORNIA	137
 <u>W</u>		
NAVAL AIR STATION	WHIDBEY ISLAND, WASHINGTON	427
 <u>Y</u>		
MARINE CORPS AIR STATION	YUMA, ARIZONA	33

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																																			
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA ARIZONA					4. Command Commandant of the Marine Corps					5. Area Constr Cost Index 1.16																															
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007		Permanent			Students			Supported			Total																														
		Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																															
		68	863	586	1	6	0	347	2,832	580																															
		56	498	330	116	75	0	419	3,068	786	5,348																														
7. INVENTORY DATA (\$000)																																									
a. TOTAL ACREAGE (462,621.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 245,838.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 36,230.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 22,570.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 2,980.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 13,440.00 g. REMAINING DEFICIENCY..... 91,770.00 h. GRAND TOTAL..... 412,828.00																																									
8. Projects Requested In This Program:																																									
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> </thead> <tbody> <tr> <td>141.70</td> <td>AIR TRAFFIC CONTROL TWR (2,960 SF)</td> <td>275 m2</td> <td style="text-align: right;">6,750</td> <td>06/01 10/02</td> </tr> <tr> <td>421.72</td> <td>STATION ORDNANCE AREA</td> <td>0 LS</td> <td style="text-align: right;">7,160</td> <td>12/99 07/01</td> </tr> <tr> <td>911.10</td> <td>LAND ACQUISITION</td> <td>625 AC</td> <td style="text-align: right;">8,660</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">22,570</td> <td></td> </tr> </tbody> </table>												Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	141.70	AIR TRAFFIC CONTROL TWR (2,960 SF)	275 m2	6,750	06/01 10/02	421.72	STATION ORDNANCE AREA	0 LS	7,160	12/99 07/01	911.10	LAND ACQUISITION	625 AC	8,660		TOTAL			22,570	
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911.10	LAND ACQUISITION	625 AC	8,660																																						
TOTAL			22,570																																						
9. Future Projects:																																									
a. Included In The Following Program (FY 2003):																																									
116.35	CALA (PHASE II) (770,007 SF)	71,536 m2	2,980																																						
TOTAL			2,980																																						
b. Major Planned Next Three Years:																																									
211.05	A/C MAINTENANCE HANGAR (37,297 SF)	3,465 m2	13,440																																						
TOTAL			13,440																																						
c. Real Property Maintenance Backlog (\$000): \$ 23,140																																									
10. Mission Or Major Functions:																																									
Provide facilities, services, and material necessary to support major operating elements of a Marine Aircraft Wing, including aircraft maintenance, air-traffic control, and aviation ordnance handling.																																									
(Continued On DD 1390C)																																									

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA ARIZONA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.16
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA			4. Project Title STATION ORDNANCE AREA	
5. Program Element 0206496M	6. Category Code 421.72	7. Project Number 483	8. Project Cost 7,160	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
STATION ORDNANCE AREA	LS	-	-	3,580
HIGH EXPLOSIVE MAGAZINE (4,004 SF)	m2	372	2,093	(780)
MISSILE MAGAZINE (8,374 SF)	m2	778	1,952	(1,520)
INERT STOREHOUSE (10,000 SF)	m2	929	865	(800)
LOADING UNLOADING DOCK (3,595 SF)	m2	334	935	(310)
GUARD HOUSE	EA	2	8,000	(20)
INFORMATION SYSTEMS	LS	-	-	(90)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	2,860
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(140)
ELECTRICAL UTILITIES	LS	-	-	(1,130)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,280)
PHYSICAL SECURITY	LS	-	-	(310)

SUBTOTAL	-	-	-	6,440
Contingency (5.0%)	-	-	-	320

TOTAL CONTRACT COST	-	-	-	6,760
Supervision Inspection & Overhead (6.0%)	-	-	-	400

TOTAL REQUEST	-	-	-	7,160
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct standard reinforced concrete High Explosive and Missile Magazines (with and without earthen cover), Inert Storehouse, loading/unloading dock, forklift station, two guard houses, special construction features to address flood criteria. Supporting facilities include roadways, flexible pavement for access and parking, perimeter security fencing and other physical security measures, lightning protection, and extension of utility and communications systems (including a new electrical distribution substation) to the development area.</p>				
11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u>				
PROJECT:				
The project constructs two Stradley High Explosive Magazines 25' x 80', one Box 'D' type magazine 52' x 161', one Box 'A' type magazine 52' x				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title STATION ORDNANCE AREA		7. Project Number 483
<p>(...continued)</p> <p>200', a loading/unloading dock 60' x 60', two guard houses and a forklift station. (Current mission)</p> <p>REQUIREMENT:</p> <p>The primary purpose of this project is to provide a new station ordnance area, including ordnance loading and unloading facilities, ordnance storage magazines, support buildings, guard shacks and appropriate physical security measures to meet the training mission of the Air Station and eliminate an interim safety waiver. These improvements will provide safer handling and storage of ordnance, and less expensive and more efficient ordnance operations.</p> <p>CURRENT SITUATION:</p> <p>The existing High Explosive (HE) magazines require a waiver allowing the Explosive Safety Quantity Distance (ESQD) arcs to extend off Air Station property. Real estate easements are required from the property owners allowing only uninhabited structures on the land within the ESQD. These easements are renewable on a yearly basis. The waiver also limits the storage capacity of the Stations magazines to approximately 590,000 pounds of Net Explosive weight (NEW). In 1996 over 2,600,000 NEW was issued to meet mission requirements. The size and number of required magazines is based on ordnance storage compatibility, physical size of the ordnance, and capacity of current magazine designs. The existing ESQD arcs are within 100' of the Station's family housing areas. The ESQD arcs from the existing Combat Aircraft Loading Area (CALA) and the existing HE magazines also limit development of hangars along the flight line while the Station has a Basic Facilities Requirement (BFR) for four additional hangars.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If the existing safety waiver is not renewed, the ordnance storage capacity would be further reduced. Further reduction of on site ordnance storage would degrade training mission requirements due to non-availability of required ordnance in a timely manner. Limited storage capacity requires more short loaded truck deliveries and excessive material handling by Station personnel, and carries the possible negative impact on training missions due to ordnance not being on hand when needed. ESQD arcs would not allow for necessary hangar or apron development, and other costly alternatives (if available) would have to be explored.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title STATION ORDNANCE AREA		7. Project Number 483
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 07/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 350</p> <p>(B) All Other Design Costs..... 250</p> <p>(C) Total..... 600</p> <p>(D) Contract..... 500</p> <p>(E) In-House..... 100</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 03/02</p> <p>(6) Construction Completion..... 03/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR ROBERT ANDRES Phone No: (520)-269-2051</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA			4. Project Title LAND ACQUISITION, PHASE II	
5. Program Element 0206496M	6. Category Code 911.10	7. Project Number 481A	8. Project Cost 8,660	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
LAND ACQUISITION, PHASE II	AC	625	-	7,780
PROPERTY ACQUISITION COST	AC	625	10,816	(6,760)
WATER DISTRICT ASSESSMENT BASE	LS	-	-	(580)
RELOCATION COST	LS	-	-	(440)
		-	-	-

SUBTOTAL	-	-	-	7,780
Contingency (5.0%)	-	-	-	390

TOTAL CONTRACT COST	-	-	-	8,170
Supervision Inspection & Overhead (6.0%)	-	-	-	490

TOTAL REQUEST	-	-	-	8,660
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Land acquisition (Phase II of two phases) of approximately 625 acres, from multiple property owners, to complete acquisition of land within the limits of the existing Explosive Safety Quantity Distance (ESQD) clear zone and aircraft approach/departure clearance zone.</p>				
11. Requirement: <u>625 AC</u> Adequate: <u>0 AC</u> Substandard: <u>0 AC</u>				
<p>PROJECT:</p> <p>Purchases remaining land originally identified in Phase I, FY 2000 MILCON P-481 Land Acquisition, for which funds were not appropriated. (Current mission)</p> <p>REQUIREMENT:</p> <p>The purpose of the proposed purchase is to secure property (approximately 625 acres) from numerous property owners adjacent to the existing boundaries of MCAS Yuma to eliminate concerns of safety risks within the ESQD and to minimize the impact of continued encroachment. The Marine Corps has no legal or policy recourse to enforce land use or operational restrictions on private property within the ESQD arc. Because the Department of Navy (DON) has no recourse, MCAS Yuma operates under two DON waivers (one for ordnance storage and one for loading aircraft on the runway). (This completes the land acquisition initiative partially</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title LAND ACQUISITION, PHASE II		7. Project Number 481A
<p>(...continued) funded by Congress in FY 2000 MILCON P-481.)</p> <p>CURRENT SITUATION:</p> <p>MCAS Yuma currently operates with less than one-fifth of its amount of adequate ordnance storage capacity. Due to the constant flow of deploying squadrons to MCAS Yuma for training, and the limited capacity of the existing magazines, the ordnance compound experiences constant turnover of ammunition and serious challenges in efficiently managing the numerous smaller shipments to keep the required ammunition available. A Department of Navy (DON) waiver is required for ordnance storage and loading ordnance onto aircraft due to the ESQD arc extending off the Air Station onto private property. MCAS Yuma also has need for additional land to accommodate construction of a second fire station and relocation of Marine Wing Support Squadron (MWSS) 371 and Combat Service Support Squadron (CSSD) 16 away from the busy flightline. The request for waiver from the moratorium on land acquisition for purchase of approximately 1,640 acres adjacent to Marine Corps Air Station (MCAS) Yuma, AZ was approved by the Assistant Secretary of Defense (Economic Security) on 14 June 1996. This land is currently owned by numerous property owners, immediately outside of the air station boundaries, yet within the existing Explosive Safety Quantity Distance (ESQD) clear zone for ordnance storage and arming of military aircraft and existing aircraft approach/departure clearance zones. This project provides needed land for planned projects and limits the growing encroachment of the local community towards the boundaries of the air station with associated difficulties dealing with noise, hazardous waste, protected species, and safety issues of personnel choosing to live close to an active military installation.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>As long as the current situation persists, the local community will be exposed to potential safety hazard and MCAS Yuma's training mission will continue to be degraded due to the lack of readily available ordnance for training. Without this project, the requirements for operating the existing magazines and programmed magazines will not be met, and the long term objective of securing a suitable site to move the waived Combat Aircraft Loading Area (CALA) and other functions away from the active runways will not be accomplished. This will negatively impact the Air Station's mission and continue the requirement to operate under DON waivers with the potential safety risk to non-DoD personnel and property.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title LAND ACQUISITION, PHASE II		7. Project Number 481A
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... N/A</p> <p>(B) Date Design 35% Complete..... N/A</p> <p>(C) Date Design Complete..... N/A</p> <p>(D) Percent Complete As Of September 2000..... 0%</p> <p>(E) Percent Complete As Of January 2001..... 0%</p> <p>(F) Type of Design Contract.....</p> <p>(G) Parametric Estimate used to develop cost..... N/A</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 0</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 0</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... N/A</p> <p>(6) Construction Completion..... N/A</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR ROBERT ANDRES Phone No: (520)-269-2051</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA, ARIZONA			4. Project Title AIR TRAFFIC CONTROL TOWER		
5. Program Element 0206496M	6. Category Code 141.70	7. Project Number 474	8. Project Cost 6,750		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIR TRAFFIC CONTROL TOWER (12,282 SF)	m2	1,141	-	3,580	
CONTROL TOWER (4,370 SF)	m2	406	3,694	(1,500)	
RADAR AIR TRAFFIC CONTROL CENTER (7,911 SF)	m2	735	2,612	(1,920)	
BUILT IN EQUIPMENT	LS	-	-	(40)	
INFORMATION SYSTEMS	LS	-	-	(50)	
TECHNICAL OPERATING MANUALS	LS	-	-	(70)	
SUPPORTING FACILITIES	LS	-	-	2,280	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(160)	
ELECTRICAL UTILITIES	LS	-	-	(1,100)	
MECHANICAL UTILITIES	LS	-	-	(170)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(350)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(150)	
DEMOLITION	LS	-	-	(350)	

SUBTOTAL	-	-	-	5,860	
Contingency (5.0%)	-	-	-	290	

TOTAL CONTRACT COST	-	-	-	6,150	
Supervision Inspection & Overhead (6.0%)	-	-	-	370	

SUBTOTAL	-	-	-	6,520	
DESIGN BUILD - DESIGN COST	LS	-	-	230	

TOTAL REQUEST	-	-	-	6,750	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a new eight story cab tower aircraft control tower, with reinforced concrete foundation and floor slab, concrete and steel tower. Project includes a one story Radar Air Traffic Control Center (RATCC) with concrete foundation and floor slab, structural masonry exterior walls and sloped standing seam metal roof. Tower and RATCC are to be constructed on new land acquisition on the Northwest side of the Air Station. Electrical systems include fire alarms and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title AIR TRAFFIC CONTROL TOWER		7. Project Number 474
<p>(...continued)</p> <p>site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN). Paving and site improvements include exterior site and building lighting, paved parking, sidewalks, security fencing, earthwork, grading and landscaping. Also includes technical operating manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation. Demolishes the existing tower, building 150. Investigation of possible contaminated soils and removal of lead/asbestos as required.</p>		
<p>11. Requirement: <u>1,141 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs an Air Traffic Control Tower and Radar Air Traffic Control Center (RATCC) at MCAS, Yuma, AZ and includes demolition of existing Air Traffic Control Tower, Building. (Current mission)</p> <p>REQUIREMENT:</p> <p>Construct an adequate and efficiently configured Control Tower and Radar Air Traffic Control Center (RATCC) to eliminate operational and functional deficiencies of existing facilities articulated in Operational Capability Improvement Request of June 1990 and the Aviation Control Tower Study completed in May 1999.</p> <p>CURRENT SITUATION:</p> <p>Existing control tower cab is undersized by one-half, Federal Aviation Administration (FAA) vertical sight angles are not met, tower extends approximately 14 feet into the restricted 7:1 Inner Conical Surface, and 73 percent of flight patterns are unfavorably oriented to the existing cab. Existing cab does not have required access flooring, interior roof hatch, floor hatch access to equipment room below or fire protection and suppression. Existing RATCC is scheduled for installation of the NASMOD ATC equipment upgrades in FY2004 as part of nationwide systems upgrade of aircraft control facilities. RATCC should be co-located with the Control Tower to provide efficiencies in operations and training.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The existing control tower will be out of compliance with MIL-HDBK & FAA requirements and provide an unsafe and inefficient work environment for Station personnel.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62974 MARINE CORPS AIR STATION YUMA, ARIZONA		
4. Project Title AIR TRAFFIC CONTROL TOWER		7. Project Number 474
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 210</p> <p>(B) All Other Design Costs..... 70</p> <p>(C) Total..... 280</p> <p>(D) Contract..... 30</p> <p>(E) In-House..... 250</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 05/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR ROBERT ANDRES Phone No: (520)-269-2051</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM									2. Date 6/30/01																																																												
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CALIFORNIA						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 1.19																																																													
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a. TOTAL ACREAGE (186,061.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 131,627.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 85,329.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 96,490.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 51,620.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 85,510.00 g. REMAINING DEFICIENCY..... 465,465.00 h. GRAND TOTAL..... 916,041.00																																																																						
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(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01																																				
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CALIFORNIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.19																																				
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<p>10. Mission Or Major Functions:</p> <p>Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.</p>																																							
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 11,180</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>																																							

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title INDOOR PHYSICAL FITNESS FACILITY		
5. Program Element 0206496M	6. Category Code 740.44	7. Project Number 235	8. Project Cost 13,460		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
INDOOR PHYSICAL FITNESS FACILITY (59,966 SF)	m2	5,571	-	9,930	
PHYSICAL FITNESS CENTER (59,966 SF)	m2	5,571	1,706	(9,500)	
ANNOUNCER'S TOWER	LS	-	-	(150)	
INFORMATION SYSTEMS	LS	-	-	(40)	
TECHNICAL OPERATING MANUALS	LS	-	-	(40)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(200)	
SUPPORTING FACILITIES	LS	-	-	1,750	
ELECTRICAL UTILITIES	LS	-	-	(370)	
MECHANICAL UTILITIES	LS	-	-	(290)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,050)	
DEMOLITION (BLDG 1114 & 1376)	LS	-	-	(40)	

SUBTOTAL	-	-	-	11,680	
Contingency (5.0%)	-	-	-	580	

TOTAL CONTRACT COST	-	-	-	12,260	
Supervision Inspection & Overhead (6.0%)	-	-	-	740	

SUBTOTAL	-	-	-	13,000	
DESIGN BUILD DESIGN COST	LS	-	-	460	

TOTAL REQUEST	-	-	-	13,460	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	770	
10. Description of Proposed Construction					
<p>Construct non combustible integral colored concrete masonry building with conventional reinforced concrete footings and slab on grade; factory finished standing seam metal roofing over structural steel framing; factory finished aluminum storefront, steel doors and frames with stainless steel hardware; interior fire protection system; integral colored or glazed concrete block, or finished gypsum board over metal stud interior partitions; racquetball and basketball courts with wood floors, telescoping bleachers; aerobics, weight and cardiovascular training areas; rest rooms, lockers, showers, equipment storage, laundry and administrative support areas, suspended acoustical ceiling system and suspended acoustical sound attenuation panels. Electrical systems include fire alarms, energy efficient lighting, energy monitoring control systems</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title INDOOR PHYSICAL FITNESS FACILITY		7. Project Number 235
<p>(...continued)</p> <p>(EMCS) and information systems. Mechanical systems include plumbing, fire protection systems, and heating, ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone and local area network (LAN). Paving and site improvements include improved access roads complete with traffic signal, pavement striping, directional signage, concrete sidewalks, curbs and gutters, paved and lighted parking, landscaping with automatic irrigation, concrete block screen walls for trash and utilities. Also includes technical operating manuals; anti-terrorism/force protection features, and demolition of two existing buildings and monument signage (to include lead and asbestos abatement).</p>		
<p>11. Requirement: <u>5,571 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct a consolidated indoor fitness center at the main Headquarters track and field area. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities and support services are required to meet the individual physical fitness, coordination, skills development, recreation, training and intramural needs of assigned military personnel. When not being used for training, this facility also serves the fitness and recreation needs of dependents, retirees and authorized civilians after work hours and on weekends.</p> <p>CURRENT SITUATION:</p> <p>The existing fitness centers, racquetball court and gymnasium are all located in separate areas of the Headquarters; they are not contiguous to each other or the existing Base playing fields and track. The primary facility is a converted wood frame structure constructed in 1943. It is seismically deficient, functionally inadequate with respect to court size, lockers and showers, and beyond economical repair. The three largest tenant commands at Camp Pendleton are: 1st Marine Expeditionary Force (I-MEF); 1st Marine Division (1st MARDIV); and 1st Force Service Support Group (1st FSSG). Camp Pendleton supports 46,369 Marine and Navy personnel, 50,007 dependents, and 9,509 retirees in 13 camps base wide. The Headquarters Area alone supports 7,076 military personnel and 742 civilians and is the center for administrative and support functions for the Base.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title INDOOR PHYSICAL FITNESS FACILITY		7. Project Number 235
<p>(...continued)</p> <p>The risk associated with seismic activity will continue and quality of life will be adversely affected for young enlisted Marines, Sailors and their families in the undersized, overcrowded facilities or because of the financial burden of membership in private sector fitness clubs. Additionally, the facilities will continue to be inaccessible to many for mid-day physical fitness training due to the geographical location of the Headquarters Area and time/distance separation of the members and the separate facilities.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 07/00</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 04/02</p> <p>(D) Percent Complete As Of September 2000..... 5%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 366</p> <p>(C) Total..... 366</p> <p>(D) Contract..... 122</p> <p>(E) In-House..... 244</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 04/02</p> <p>(6) Construction Completion..... 04/03</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01												
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA															
4. Project Title INDOOR PHYSICAL FITNESS FACILITY			7. Project Number 235												
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Furnishings</td> <td>O&MMC</td> <td>2003</td> <td>770</td> </tr> </tbody> </table> <p>Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641</p>				Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Furnishings	O&MMC	2003	770
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1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title HELO OUTLYING LANDING FIELD II		
5. Program Element 0206496M	6. Category Code 111.15	7. Project Number 061	8. Project Cost 3,910		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
HELO OUTLYING LANDING FIELD II (351,980 SF)	m2	32,700	-	3,300	
RUNWAY, ROTARY WING (300, 313 SF) (300,313 SF)	m2	27,900	65	(1,810)	
SITE WORK	LS	-	-	(1,030)	
AIRFIELD PAVEMENT - TAXIWAY (51,667 SF)	m2	4,800	77	(370)	
MOBILIZATION AND DEMOBILIZATION	LS	-	-	(90)	
SUPPORTING FACILITIES	LS	-	-	210	
PAVING AND SITE IMPROVEMENT	LS	-	-	(90)	
ENVIRONMENTAL MITIGATION	LS	-	-	(120)	

SUBTOTAL	-	-	-	3,510	
Contingency (5.0%)	-	-	-	180	

TOTAL CONTRACT COST	-	-	-	3,690	
Supervision Inspection & Overhead (6.0%)	-	-	-	220	

TOTAL REQUEST	-	-	-	3,910	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Phase II of two phases. Constructs 27,900 square meters (M2) (33,368 square yards (SY) of reinforced concrete runway and 4,800 M2 (5,741 SY) of reinforced concrete taxiway/apron, including excavation for pavement sections and shoulders, pavement striping, drainage structures, minor grading, hydro seeding, environmental mitigation and other related work. Pavement consists of 230 millimeter (mm) steel reinforced concrete over 230 millimeter (mm) of granular crushed (Class II) material.</p>					
11. Requirement: <u>32,700 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
Provides a 3,000 foot Helicopter Outlying Landing Field (HOLF) runway and support facilities for Marine Air Wing operational training. (Current mission)					
REQUIREMENT:					
An adequate HOLF and adequate support facilities are required for day and night training of wheeled helicopters. The primary purpose for the HOLF					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title HELO OUTLYING LANDING FIELD II		7. Project Number 061
<p>(...continued)</p> <p>is to relieve congested airspace around MCAS Camp Pendleton for operational training. This need increased with the movement of four additional helicopter squadrons to MCAS in FY99. Additionally, the HOLF will be used by eight helicopter squadrons assigned to MCAS Miramar. Fleet Operational Needs Statement (FONS) from 3rd MAW dated 6 May 1994, and the Support Needs Statement (SNS) have been validated and approved by HQMC/MCCDC on 5 Dec 95. Approximately 290 daily aircraft operations are anticipated at the HOLF. Using 250 training days per year, this equates to a total of 72,500 annual aircraft operations generated by both MCAS Camp Pendleton and Miramar. According to the FONS, the operational concept is that, 'The HOLF would primarily be employed as a secondary airfield used for training and readiness (T&R) syllabus visual flight rules (VFR) pattern flights.' The FONS further states that 'This would account for roughly one quarter of annual helicopter flight operations.' The requirements are further documented in the HOLF Basic Facilities Requirement (BFR) dated 6 Mar 95, and in the HOLF Siting study, dated Mar 96. Additionally, the area must be as free of exterior lighting as possible in order to conduct Night Vision Goggle (NVG) training. HMT-303 is the sole squadron for all Navy/Marine Corps, Reserve and Foreign National H-1 pilot training. HMT-303 contains 70% of all Marine Corps H-1 combat capable assets. This area is essential for engine out, rotor out, and hydraulic emergency slide on landing practice and Night Vision Goggle training. The hard surface runway and taxiways are required in order to provide a consolidated location for aircraft support training. MAG-16's CH 46 helicopters and CH 46 Fleet Refresher Squadron (FRS) both require this facility for achievement of T&R requirements. The facility will conform to the Land Training and Ranges (LATAR) requirement to provide a tactical objective area for the northern maneuver corridor. The facility is also required to support Marine Air Ground Task Force (MAGTF) vertical assault and airport seizure, Forward Arming and Refueling Point (FARP), Tactical Aircraft Fueling Distribution system (TAFDS), Marine Air Control Squadron (MACS) tactical landing system, Instrument Flight Rules (IFR), Helipad Refueling Equipment Forward (REF), Expeditionary Airfield (EAF), EAF Defense, airfield ground seizure, medical evacuation, civilian rescue and extraction and other mission critical aviation training activities other than pilot training. Additionally, the site will be used for squadron forward unit deployment exercises and support other IMEF training exercises including Joint Service and Foreign National Cooperative exercises.</p> <p>CURRENT SITUATION:</p> <p>The crowded condition has been documented in the Fleet Operational Needs</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title HELO OUTLYING LANDING FIELD II		7. Project Number 061
<p>(...continued)</p> <p>Statement (FONS) of May 1994, as follows: 'MCAS Camp Pendleton is currently operating at maximum traffic capacity, and has been for several years. The level of traffic congestion often precludes effective training for air crews by limiting their pattern work. MCAS Camp Pendleton night operations have averaged more than 10,000 sorties per month for the last four years with a slight upward trend.'</p> <p>Currently, wheeled helicopter training operations are conducted at various locations aboard MCB Camp Pendleton, including the already overcrowded Air Station, which is not conducive to training pilots in day and night operations. None of these facilities are consolidated into a single site that represents an actual combat environment consistent with the expeditionary nature of Marine Corps operations, severely deteriorating the realism of the training evolution. Integrated support training in the combat environment for aviation support activities is nonexistent. Opportunities to conduct training for the seizure, establishment, operation and defense of a forward aviation tactical combat activity do not exist. The close coordination of the MAGTF forces, which is the key element in the Marine Corps' ability to transition from a sea-based littoral deterrent force to a fully capable, self-sustained enabling force ashore, is compromised by the disbursed, inadequate and unconnected facilities currently in use.</p> <p>A fiscal year 1999 MILCON project is constructing Phase I of a grass HOLF in the northern area of MCB Camp Pendleton. Phase I will allow skid helicopters (UH-1, AH-1) to effectively train in flight pattern and night vision work while relieving extreme air traffic congestion at the Marine Corps Air Station Camp Pendleton. The MCAS has been operating at maximum traffic capacity due to ten helicopter squadrons operating out of MCAS Camp Pendleton and eight helicopter squadrons based at MCAS Miramar also using Pendleton facilities. Phase II of the HOLF, paving one of the runways, provides a hard surface for wheeled helicopters (CH-46, CH-53) and provides the same opportunity for expeditionary training. For safety reasons, wheeled helicopters, especially those flown by students, will not be allowed to use the grass runways provided by Phase I because of the dangerous ruts that will be cut into the ground by the skids of non-wheeled helicopters.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without Phase II of the HOLF, wheeled helicopters will not be able to train at the HOLF because the grass runways will be rutted by the skid helicopters in a way which will prevent their safe use. The majority of</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title HELO OUTLYING LANDING FIELD II		7. Project Number 061
<p>(...continued)</p> <p>helicopters squadrons on the West Coast are wheeled, so lack of Phase II will prevent a large group of helicopters from benefitting from this expeditionary airfield and will prolong the congested airspace situation around MCAS Pendleton. The FONS concludes that 'Constructing a suitable HOLF will accommodate pattern training needs for tenant helicopter units as well as those assigned to MCAS Miramar. It will also support NVG operations that will increase training efficiency and enhance combat readiness.'</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 07/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 150</p> <p>(B) All Other Design Costs..... 150</p> <p>(C) Total..... 300</p> <p>(D) Contract..... 100</p> <p>(E) In-House..... 200</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 11/01</p> <p>(6) Construction Completion..... 12/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			
4. Project Title HELO OUTLYING LANDING FIELD II			7. Project Number 061
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS, SAN MATEO		
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 017	8. Project Cost 21,200		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS, SAN MATEO (91,493 SF)	m2	8,500	-	15,190	
BACHELOR ENLISTED QUARTERS (91,493 SF)	m2	8,500	1,726	(14,670)	
TECHNICAL OPERATING MANUALS	LS	-	-	(60)	
BUILT IN EQUIPMENT/ELEVATOR	LS	-	-	(90)	
INFORMATION SYSTEMS	LS	-	-	(170)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(200)	
SUPPORTING FACILITIES	LS	-	-	3,190	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(610)	
ELECTRICAL UTILITIES	LS	-	-	(460)	
MECHANICAL UTILITIES	LS	-	-	(50)	
PAVING AND SITE IMPROVEMENT	LS	-	-	(1,260)	
DEMOLITION	LS	-	-	(670)	
ENVIRONMENTAL MITIGATION	LS	-	-	(140)	

SUBTOTAL	-	-	-	18,380	
Contingency (5.0%)	-	-	-	920	

TOTAL CONTRACT COST	-	-	-	19,300	
Supervision Inspection & Overhead (6.0%)	-	-	-	1,160	

SUBTOTAL	-	-	-	20,460	
DESIGN BUILD - DESIGN COSTS	LS	-	-	740	

TOTAL REQUEST	-	-	-	21,200	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	716	
10. Description of Proposed Construction					
<p>Construct a multi-story reinforced concrete masonry building with seismic upgrades, service elevator, concrete foundation and floors, and standing seam metal roofing, providing 200 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community, and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS, SAN MATEO		7. Project Number 017
<p>(...continued)</p> <p>work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, local area network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, multipurpose rooms, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, and replacement of asphalt paving for parade and drill field, earthwork, grading and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features and demolition of eleven buildings involving asbestos and lead removal.</p> <p>Intended Grade Mix: 230 E1-E3, 69 E-4, 16 E5. Total: 315 persons. Maximum utilization: 400 E1-E3.</p>		
<p>11. Requirement: <u>2,357 PN</u> Adequate: <u>1,546 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Provides bachelor enlisted quarters for permanent party enlisted personnel in the San Mateo Area of Camp Pendleton. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is needed to provide adequate billeting for enlisted personnel at MCB Camp Pendleton (San Mateo area) to make up for a deficiency of BEQ space. This project also supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Adequate billeting is currently at maximum capacity at two and three men per room. This overcrowding is a detriment to the quality of life. All enlisted personnel (E1-E3) are to be billeted at two men per room, (E4-E5) at one man per room per HQMC Billeting Standards. Many personnel are also being billeted in inadequate 'flat-top' barracks at four men per room with communal heads. These buildings were constructed in the 1950's and are not in compliance with current life/safety/fire/seismic and quality of life standards.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, personnel will continue to be billeted in crowded conditions, in inadequate and unsafe buildings. They will endure a lower quality of life to the detriment of morale and retention efforts. Furthermore, junior enlisted personnel in the rank of (E1-E5) will</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01								
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA										
4. Project Title BACHELOR ENLISTED QUARTERS, SAN MATEO		7. Project Number 017								
(...continued) continue to be billeted in town, thereby costing the Marine Corps precious Bachelor Allowance for Housing (BAH) funds.										
12. Supplemental Data: A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide) (1) Status: (A) Date Design Started..... 05/00 (B) Date Design 35% Complete..... 09/00 (C) Date Design Complete..... 03/02 (D) Percent Complete As Of September 2000..... 35% (E) Percent Complete As Of January 2001..... 45% (F) Type of Design Contract..... Design Build (G) Parametric Estimate used to develop cost..... Yes (H) Energy study/life-cycle analysis performed..... No (2) Basis: (A) Standard or Definitive Design: No (B) Where Design Was Most Recently Used: N/A (3) Total Cost (C) = (A) + (B) Or (D) + (E): (A) Production of Plans and Specifications..... 0 (B) All Other Design Costs..... 611 (C) Total..... 611 (D) Contract..... 203 (E) In-House..... 408 (4) Contract Award..... 10/01 (5) Construction Start..... 03/02 (6) Construction Completion..... 06/03 B. Equipment associated with this project which will be provided from other appropriations: <table> <thead> <tr> <th>Equipment</th> <th>Procuring</th> <th>Fiscal Year</th> <th>Cost</th> </tr> <tr> <th>Nomenclature</th> <th>Appropriation Or Requested</th> <th>Appropriated</th> <th>(\$000)</th> </tr> </thead></table>			Equipment	Procuring	Fiscal Year	Cost	Nomenclature	Appropriation Or Requested	Appropriated	(\$000)
Equipment	Procuring	Fiscal Year	Cost							
Nomenclature	Appropriation Or Requested	Appropriated	(\$000)							

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01				
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA							
4. Project Title BACHELOR ENLISTED QUARTERS, SAN MATEO			7. Project Number 017				
<p>(...continued)</p> <p>-----</p> <table> <tr> <td>Furnishings</td> <td>O&MMC</td> <td>2003</td> <td>716</td> </tr> </table> <p>Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641</p>				Furnishings	O&MMC	2003	716
Furnishings	O&MMC	2003	716				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA		
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 044	8. Project Cost 21,600		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS, HEADQUARTERS ARE (91,493 SF)	m2	8,500	-	15,380	
BUILDING (91,493 SF)	m2	8,500	1,771	(15,050)	
BUILT IN EQUIPMENT	LS	-	-	(90)	
INFORMATION SYSTEMS	LS	-	-	(180)	
TECHNICAL OPERATING MANUALS	LS	-	-	(60)	
SUPPORTING FACILITIES	LS	-	-	3,350	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,040)	
ELECTRICAL UTILITIES	LS	-	-	(390)	
MECHANICAL UTILITIES	LS	-	-	(140)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,020)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(640)	
ENVIRONMENTAL MITIGATION	LS	-	-	(120)	

SUBTOTAL	-	-	-	18,730	
Contingency (5.0%)	-	-	-	940	

TOTAL CONTRACT COST	-	-	-	19,670	
Supervision Inspection & Overhead (6.0%)	-	-	-	1,180	

SUBTOTAL	-	-	-	20,850	
DESIGN BUILD - DESIGN COST	LS	-	-	750	

TOTAL REQUEST	-	-	-	21,600	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a multi-story reinforced concrete masonry building with seismic upgrades, service elevator, pile foundation, reinforced concrete slab and floors, and standing seam metal roofing, providing 200 rooms with semi-private bathrooms in the standard 2X0 room configuration. Building will be moment resisting steel frame with concrete masonry unit (CMU) in-fill walls (split faced block exterior), interior CMU walls, concrete floor slab reinforcement run continuously through both faces of the slab and into beams and columns and open web steel joist roof support. Community, and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA		7. Project Number 044
<p>(...continued)</p> <p>Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, local area network, and cable television). Paving and site improvements include paved parking, sidewalks, multi-purpose rooms, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, earthwork, grading and landscaping. Also includes technical operating manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation.</p> <p>Rooms: 200 two person rooms. Maximum utilization: 400 E1-E3. Intended Grade Mix: 213 E1-E3, 80 E-4, 15 E5. Total: 308 persons.</p>		
<p>11. Requirement: <u>4,192 PN</u> Adequate: <u>1,164 PN</u> Substandard: <u>892 PN</u></p> <p>PROJECT:</p> <p>Provides bachelor enlisted quarters using the 2x0 Quality of Life (QOL) standard room design for permanent party enlisted personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is needed to provide adequate billeting for enlisted personnel at MCB Camp Pendleton (Headquarters area) to make up for a deficiency of BEQ space. This project also supports the Commandant of the Marine Corps' goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Adequate billeting is currently at maximum capacity at two and three men per room. This overcrowding is a detriment to the quality of life. All E1-E3s are to be billeted at two men per room, E4-E5s at one man per room per HQMC Billeting Standards. Many personnel are also being billeted in inadequate 'flat-top' barracks at four men per room with communal heads. These buildings were constructed in the 1950's and are not in compliance with current life/safety/fire/seismic and quality of life standards.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA		7. Project Number 044
<p>(...continued)</p> <p>If this project is not provided, personnel will continue to be billeted in crowded conditions, inadequate and unsafe buildings. They will endure a lower quality of life to the detriment of morale and retention efforts. Furthermore, higher ranking personnel will continue to be billeted in town, thereby costing the Marine Corps precious Bachelor Allowance for Quarters funds.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 625</p> <p>(B) All Other Design Costs..... 208</p> <p>(C) Total..... 833</p> <p>(D) Contract..... 208</p> <p>(E) In-House..... 625</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS, HEADQUARTERS AREA		7. Project Number 044
(...continued) Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY	
5. Program Element 0206496M	6. Category Code 143.41	7. Project Number 033	8. Project Cost 11,980	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY	LS	-	-	5,600
AMPHIBIOUS OPERATIONS FACILITY (33,422 SF)	m2	3,105	1,532	(4,760)
INFORMATION SYSTEMS	LS	-	-	(120)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
BUILT IN EQUIPMENT	LS	-	-	(410)
CLOSED LOOP WASH RACK	EA	2	90,000	(180)
HAZARDOUS MATERIAL STORAGE BUILDING	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	4,790
SPEICAL CONSTRUCTION FEATURES	LS	-	-	(610)
ELECTRICAL UTILITIES	LS	-	-	(1,230)
MECHANICAL UTILITIES	LS	-	-	(350)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,380)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(750)
ENVIRONMENTAL MITIGATION	LS	-	-	(90)
DEMOLITION	LS	-	-	(380)

SUBTOTAL	-	-	-	10,390
Contingency (5.0%)	-	-	-	520

TOTAL CONTRACT COST	-	-	-	10,910
Supervision Inspection & Overhead (6.0%)	-	-	-	650

SUBTOTAL	-	-	-	11,560
DESIGN BUILD - DESIGN COST	LS	-	-	420

TOTAL REQUEST	-	-	-	11,980
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Single story Amphibious Operations Facility, in accordance with Camp Pendleton design standards with anti-terrorism/force protection measures. Includes high-bay, integral-colored concrete masonry building with reinforced concrete spread footings and slab on grade; factory finished standing seam metal roof over steel framing; steel doors and frames to include high bay roll-up doors; gypsum board over metal stud interior partitions; energy-efficient lighting and heating, ventilating and air conditioning systems. Includes space for Consolidated Dive Locker</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY		7. Project Number 033
<p>(...continued)</p> <p>(recompression chamber and dive medicine sick bay); administration; dive equipment (SCUBA) and oxygen systems, maintenance, storage and issue; high/low pressure compressed air systems room; operations briefing room; toilets and shower room; dive equipment secured storage (cages); embark box storage; maintenance and storage of rigid hull inflatable boats (rhibs), inflatable rubber raiding boats, and outboard engines; secured tool/parts room; exterior hazmat/gasoline storage pads; closed-loop boat wash racks. Asphalt-paved compound; access road complete with pavement striping and directional signage; concrete sidewalks, curbs and gutters; paved parking for government vehicles and privately owned vehicles (POV). Security fencing and lighting; landscaping with automatic irrigation; underground utilities, utility meters, energy monitoring control system (EMCS); concrete block screen walls for trash and utilities; permanent monument signs; demolition of two buildings, an unnumbered temporary wood frame classroom, and existing hazardous material pads; and removal of potentially contaminated soil from a previous vehicle maintenance facility.</p>		
<p>11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u></p> <p>PROJECT:</p> <p>Provides a replacement Amphibious Operations Facility. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is required to accommodate the Consolidated Dive Locker, and combined secure storage and maintenance of raider/reconnaissance boats and diving equipment belonging to 1st Force Reconnaissance Company (I MEF); Reconnaissance Battalion (1st MARDIV); and Detachment, 4th Force Recon Company (MARFORRES). The consolidation of all users into one facility will significantly enhance efficiency, training, maintenance and overall readiness of these units.</p> <p>CURRENT SITUATION:</p> <p>The Combined Dive Locker, and Diving and Amphibious Sections of the 1st Force Recon Company and Recon Battalion are located in a wood-frame structure originally constructed in 1944 as a semi-permanent, high-bay, vehicle maintenance facility. This building is a deteriorated, seismically inadequate facility that was converted from a vehicle maintenance building to its current use many years ago. The electrical capacity of the 56 year old building is inadequate to support the dive locker equipment. Additionally, plumbing systems are nonfunctional, and portable toilets must be used.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY		7. Project Number 033
<p>(...continued)</p> <p>The Consolidated Dive Locker consists of a recompression chamber and dive medicine sick bay. The recompression chamber and minimal medical support area are currently contained in expeditionary shelters located outside the building. This temporary situation lacks the permanent, climate-controlled environment required for proper life-saving procedures.</p> <p>The Diving Section contains maintenance, storage and issue spaces for open circuit (SCUBA) and closed circuit (oxygen) diving equipment. The open circuit spaces are located in the building. The closed circuit spaces are housed in self-contained expeditionary modules located outside the building. The maintenance and storage spaces in the expeditionary modules are powered and air conditioned by generators. This situation, although tolerable for deployed units, is unsatisfactory for a permanent facility.</p> <p>The high/low pressure air compressor system (which supports the recompression chamber system and is used to fill the SCUBA tanks and rubber boats), along with its two 3' diameter by 12' tall compressed air tanks (referred to as flasks) and four 4' tall air tanks, are located in an open boat maintenance/storage bay. The air compressor system generates loud noise that has created a hearing hazard because the system cannot be isolated and baffled.</p> <p>At any given time, up to 60 divers attend operational briefings and recon training prior to an amphibious exercise. This space is shared by the recon units. Currently, this mandatory training takes place in a highly deteriorated, temporary, wood structure located within the recon compound.</p> <p>Because the original design of the main facility was for vehicle maintenance, toilet and shower facilities are minimal. The building is divided into two functional halves by a chain link fence. In the side of the building used by Recon Battalion, existing showers are inoperable. In the opposite side of the building, 1st Force Recon Company has no toilet or shower facilities. Portable toilets are placed outside of the building to accommodate up to 60 divers. A garden hose attached to an exterior hose bibb serves as the only means for divers to 'shower' after an amphibious training exercise. Because there are no wash racks the rubber raider boats are cleaned with the same garden hose. Showering after exercises is critical because, periodically, sewage waste generated from the San Diego area will drift along the coastline and the basin. Without proper hygiene facilities, divers' health is compromised. Lack of drinking water, plumbed toilets and hot shower facilities violate both Occupational Safety and Health Act (OSHA) and Bureau of Medicine and</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY		7. Project Number 033
<p>(...continued)</p> <p>Surgery (BUMED) standards for work environments. These hazards have been identified in two separate Industrial Hygiene Surveys conducted by Naval Hospital, Camp Pendleton.</p> <p>In the Amphibious Section the recon units store and issue high dollar value diving equipment such as masks, fins, wet suits, and life preservers. These items are contained in caged spaces. Although the size of the areas is adequate, the deteriorated building is unsafe and cannot be maintained.</p> <p>The rigid hull inflatable boats and inflatable rubber combat raiding boats are maintained and stored in drive-in workbays within the wooden building and in a 'clam shell' expeditionary shelter. Indoor storage is particularly important because the boats deteriorate rapidly when exposed to constant direct sunlight. A rigid hull inflatable boat measures 24' long with a 10' beam, and must be stored inflated on a 31' long trailer. The new generation of rigid hull inflatable boats which will replace the 24' version will measure 36' long with a 12' beam. Trailer length will be 43'. Consequently, fewer of these larger boats will be able to be stored within the clamshell. Outboard engines are stored and maintained in the 1944 wooden building. The fabric-covered clam shell is an interim measure and is deteriorated.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Reconnaissance Marines will continue to work in inadequate facilities; and will continue to be subjected to life-endangerment, and unacceptable unsanitary conditions due to lack of appropriate recompression chamber, sickbay and hygiene facilities. These conditions will continue to compromise morale, training effectiveness, and combat readiness.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RECON/AMPHIB OPS BOAT MAINTENANCE FACILITY		7. Project Number 033
<p>(...continued)</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 312</p> <p>(B) All Other Design Costs..... 104</p> <p>(C) Total..... 416</p> <p>(D) Contract..... 104</p> <p>(E) In-House..... 312</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 10/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS		
5. Program Element 0202056M	6. Category Code 841.10	7. Project Number 068	8. Project Cost 11,180		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
TRANSMISSION PIPELINE AND PLANT MODS (22,388 LF)		m	6,824	-	6,540
PIPELINES, 12'' THROUGH 36'' (22,388 LF)		m	6,824	805	(5,490)
VALVES AND OTHER ACCESSORIES		LS	-	-	(700)
IRON/MANGANESE PLANT MODS/CONTROLS		LS	-	-	(270)
TECHNICAL OPERATING MANUALS		LS	-	-	(80)
SUPPORTING FACILITIES		LS	-	-	3,160
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(120)
ELECTRICAL UTILITIES		LS	-	-	(90)
PAVING AND SITE IMPROVEMENT		LS	-	-	(760)
DEMOLITION		LS	-	-	(90)
ENVIRONMENTAL MITIGATION		LS	-	-	(2,100)
SUBTOTAL		-	-	-	9,700
Contingency (5.0%)		-	-	-	480
TOTAL CONTRACT COST		-	-	-	10,180
Supervision Inspection & Overhead (6.0%)		-	-	-	610
SUBTOTAL		-	-	-	10,790
DESIGN BUILD DESIGN COST		LS	-	-	390
TOTAL REQUEST		-	-	-	11,180
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	40
10. Description of Proposed Construction					
<p>Construct 6,824 meters of raw (untreated) water transmission pipeline including trenching, backfilling, valves with remote controls and appurtenances to connect eight existing wells (currently connected directly into the potable water distribution system) to the existing water treatment plant. Modify the existing Iron/Manganese Plant to accommodate the new water well sources with additional chemical feed pumps, piping, electrical and controls with additional programming as required. Update the existing Energy Monitoring and Control System (EMCS) and provide necessary operations and maintenance manuals.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS		7. Project Number 068
<p>(...continued)</p> <p>11. Requirement: <u>6,824 m</u> Adequate: <u>0 m</u> Substandard: <u>0 m</u></p> <p>PROJECT:</p> <p>Constructs a raw water collection pipeline to connect eight wells from the Margarita Basin to the existing Iron/Manganese Water Treatment Plant and modifies the existing Iron/Manganese Plant to accommodate the additional well sources. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate raw water transmission piping is required to collect all the water from all the Santa Margarita wells into one common manifold piping for delivery to the existing plant for treatment to meet secondary drinking water standards and to meet peak day demands, fire flow, and emergency storage requirements. State of California Department of Health Services (DHS) issued Compliance Order No. 04-14-99CO-002 on 23 Jul 99 requiring MCB Camp Pendleton to complete a Phase II Iron and Manganese Treatment Facility and make it fully operational by 1 Jan 2006 to treat all drinking water in the Santa Margarita River (SMR) basin portion of the South System. The citation was issued because Camp Pendleton violated CA Health and Safety Code Section 11655(a) and CA Code of Regulations, Title 22, Section 64449 (a) 64449 (b)(3) and 64449.5 (d) by delivering water to consumers exceeding secondary standards for manganese (Mn), iron (Fe), color and containing significant amounts of particulate matter. This project is also designed for future connection to another water treatment facility that will enable full treatment of all the well water at one time.</p> <p>With only this raw water transmission line in place, the existing plant will not be able to fully treat all of the water from all the wells, but it will enable selective treatment of different wells on a rotational basis to better utilize the underground water resources. This project will be the first of four to provide treated water to all customers in the Southern Water system. This project will provide the Raw Water Collection System to connect the remaining eight wells into a common manifold so the water can be taken to the present water treatment plant as well as provide for another future water treatment site connection. This project will enable treatment of about six or seven wells at one time. The second project, P-071, will provide a second Water Treatment Plant with a 3.0 MG reservoir that together with the existing Iron/Manganese Plant will be able to treat all the water from all the thirteen wells at the same time. The third project, P-072, will provide repairs and improvements to the treated water distribution system so all areas served by these wells will</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS		7. Project Number 068
<p>(...continued)</p> <p>have equal pressure and flow of treated water. The fourth project, P-079, will provide additional treated water storage of 4.0 MG south of the existing water treatment plant that will increase the storage of water for the Wire Mountain and Del Mar areas which lack sufficient storage capacity for daily demands, fire flow requirements and for emergency contingency situations.</p> <p>CURRENT SITUATION:</p> <p>Camp Pendleton obtains all of its water from local groundwater basins, with the exception of San Mateo Point Housing. The Base utilizes four principle sources of groundwater; to supply the North Water System and to supply a separate, unconnected South Water System. The Santa Margarita portion of the South Water System, which supplies two-thirds of the Base's water, has historically experienced problems with elevated levels of iron and manganese, resulting in discolored, or ''brown'', water. There are thirteen wells in the Santa Margarita River (SMR) Basin that produce water for the Southern Part of Camp Pendleton. All thirteen Wells exceed the limits for manganese and four wells exceed the limits for iron allowed under the standards set by the California Department of Health Services. Of these thirteen wells, eight feed directly into the water distribution system with five wells passing through the existing water treatment facility. The existing Iron/Manganese Water Treatment Plant has a capacity to produce 6.48 million gallons of treated water daily, while the demand on the system is 11.76 million gallons.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This project and the Iron and Manganese Treatment facility planned to be constructed under P-071 must be completed in order to treat Santa Margarita River well water which exceeds secondary standards for iron and manganese. DHS has determined that there is a potential health risk of neurological damage to infants two years of age who drink water from this portion of the South System and has directed the Base to supply bottled water to these infants. Testing has determined that Camp Pendleton drinking water can experience greater than 100 times the secondary maximum manganese contaminate level of 0.05 mg/L. The quality of life for residents in this portion of the Base will continue to be compromised by poor quality water which appears brown in color, does not taste good and stains clothing in the wash. Camp Pendleton is subject to fines from CA DHS for continued violation of secondary drinking water standards and failure to meet the requirements of the compliance order.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01								
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA										
4. Project Title RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS		7. Project Number 068								
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 291</p> <p>(B) All Other Design Costs..... 97</p> <p>(C) Total..... 388</p> <p>(D) Contract..... 97</p> <p>(E) In-House..... 291</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 09/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&M</td> <td>2004</td> <td>40</td> </tr> </tbody> </table>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furnishings	O&M	2004	40
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)							
Furnishings	O&M	2004	40							

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title RAW WATER TRANSMISSION PIPELINE AND IRON/MANGANESE PLANT MODS		7. Project Number 068
(...continued) Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA			4. Project Title REGIMENTAL ARTILLERY MAINTENANCE COMPLEX		
5. Program Element 0206496M	6. Category Code 215.30	7. Project Number 724	8. Project Cost 13,160		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
REGIMENTAL ARTILLERY MAINTENANCE COMPLEX (132,525 SF)	m2	12,312	-	9,220	
ARTILLERY MAINTENANCE FACILITY (21,646 SF)	m2	2,011	1,780	(3,580)	
ARTILLERY STORAGE SHEDS (110,879 SF)	m2	10,301	475	(4,890)	
ORGANIZATIONAL EQUIPMENT PARKING	LS	-	-	(560)	
BUILT IN EQUIPMENT	LS	-	-	(100)	
INFORMATION SYSTEMS	LS	-	-	(50)	
TECHNICAL OPERATING MANUALS	LS	-	-	(40)	
SUPPORTING FACILITIES	LS	-	-	2,190	
ELECTRICAL UTILITIES	LS	-	-	(450)	
MECHANICAL UTILITIES	LS	-	-	(30)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,140)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(150)	
ENVIRONMENTAL MITIGATION	LS	-	-	(160)	
DEMOLITION	LS	-	-	(260)	

SUBTOTAL	-	-	-	11,410	
Contingency (5.0%)	-	-	-	570	

TOTAL CONTRACT COST	-	-	-	11,980	
Supervision Inspection & Overhead (6.0%)	-	-	-	720	

SUBTOTAL	-	-	-	12,700	
DESIGN BUILD - DESIGN COST	LS	-	-	460	

TOTAL REQUEST	-	-	-	13,160	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a multi-story reinforced concrete masonry building with seismic upgrades, reinforced concrete slab and floors, and standing seam metal roofing for maintenance of large artillery weapons. Include battery shops, administrative space, tool storage, pollution prevention measures, overhead electric/hydraulic cranes, showers and locker areas. Construct storage sheds and organizational equipment parking areas to accommodate assigned equipment. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title REGIMENTAL ARTILLERY MAINTENANCE COMPLEX		7. Project Number 724
<p>(...continued)</p> <p>Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, local area network, and cable television). Paving and site improvements include exterior site and building lighting, paved parking, sidewalks, security fencing, earthwork, grading and landscaping. Also includes technical operating manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation. Demolish four buildings, a parking lot, lighting, fencing, baseball field and a basketball court. Investigate possible contaminated soils and remove lead/asbestos as required.</p>		
<p>11. Requirement: <u>12,312 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs an artillery maintenance shop, artillery storage sheds and asphalt parking for assigned tactical vehicles and equipment for the 11th Marine Regiment. (Current mission)</p> <p>REQUIREMENT:</p> <p>Consolidation of 11th Marines in the Las Pulgas area is required in order to perform first and second echelon maintenance on over 760 motor transport vehicles, over 300 pieces of engineers' vehicles and heavy equipment, 21 track vehicles, and over 50 Howitzer 155mms.</p> <p>CURRENT SITUATION:</p> <p>Changing equipment, organizational strength and workload over a period of years has resulted in inefficient and cramped shop layouts, scattered inadequate facilities, maintenance functions without shop space and existing gun park shades that are physically and functionally inadequate.</p> <p>There are only two ordnance maintenance bays available for the maintenance of 65 Howitzers. Both bays lack modern amenities. Since there is no tool shop space, one of the ordnance maintenance bays must be used to store tools and supplies. The interior width of the bays are only 15 feet 4 inches, while the width of the howitzer trails when spread apart is 27 feet 10 inches (including spades). The barrel of the gun can only be cleaned while the trails are in a fully extended position which is impossible given the width of the bays. Some second echelon maintenance that should be performed inside is being performed outside. Each battalion work area requires at least one hoist aerial lube/air guns for each bay. These are not currently available.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title REGIMENTAL ARTILLERY MAINTENANCE COMPLEX		7. Project Number 724
<p>(...continued)</p> <p>The two artillery sheds used for Howitzer parking are deteriorated and unsafe. Most of the lighting fixtures, switches and outlets are inoperable. Trucks and Howitzers have struck and broken the overhead purlins which are bent, dangling and in danger of falling. Built in 1969, the buildings were sized for the M101 105mm Howitzer, a significantly smaller gun compared to the current M198 155mm Howitzer. The front of the barrel sticks out 14 feet from the under the artillery shed awning. The M198, which is 9 feet 6 inches tall when being towed, can barely fit under the 12 foot awning.</p> <p>The current facilities do not have adequate storage space and office space, which has forced units to erect tents and use connex boxes for offices and equipment issue points.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Existing inadequate facilities will continue to be used and the 11th Marines will continue to live with unacceptable maintenance backlogs and downtime for equipment. Safety, health and the environment will continue to be compromised. Equipment will not be available for field training, and combat readiness will be jeopardized. Continued use of the inadequate artillery maintenance and storage facilities may result in additional structural damage, damage or loss of equipment, increased chance of an environmental accident, increased health and safety risks and/or possible injury or loss of life may occur.</p> <p>Conditions will worsen when new vehicles and equipment are fielded with the 11th Marine Regiment. For example, the Eight Weight Howitzer LW155 (M777) will replace the M198 Howitzer one for one. It will measure 31 feet, 3 inches in length with a 35 foot maximum traverse by and 8 feet wide by 7 feet high. It is a lighter weight gun than the M198 but is larger overall.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00681 MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		
4. Project Title REGIMENTAL ARTILLERY MAINTENANCE COMPLEX		7. Project Number 724
<p>(...continued)</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 342</p> <p>(B) All Other Design Costs..... 114</p> <p>(C) Total..... 456</p> <p>(D) Contract..... 114</p> <p>(E) In-House..... 342</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 09/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR RAME HEMSTREET Phone No: 760-725-5641</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																								
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.19																								
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	20	334	16	20	212	0	330	2,380	15	3,327																				
	24	219	58	93	293	0	399	3,204	16	4,306																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (3,841.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 171,536.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 14,020.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 4,470.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 11,830.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 4,110.00																														
g. REMAINING DEFICIENCY..... 217,140.00																														
h. GRAND TOTAL..... 423,106.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Category</td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Cost</td> <td style="width: 10%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>(\$000)</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>211.06</td> <td>AIRCRAFT HANGAR IMPVS (79,954 SF)</td> <td>7,428 m2</td> <td>4,470</td> <td>12/99 07/01</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>4,470</td> <td></td> </tr> </table>											Category			Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	211.06	AIRCRAFT HANGAR IMPVS (79,954 SF)	7,428 m2	4,470	12/99 07/01	TOTAL			4,470	
Category			Cost	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
211.06	AIRCRAFT HANGAR IMPVS (79,954 SF)	7,428 m2	4,470	12/99 07/01																										
TOTAL			4,470																											
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
211.54	AVIATION ARMAMENT SHOP (4,349 SF)	404 m2	6,550																											
843.10	FIRE PROTECTION PIPELINE	0 LS	5,280																											
TOTAL			11,830																											
b. Major Planned Next Three Years:																														
218.20	WEIGHT HANDLING SHOP	0 LS	4,110																											
TOTAL			4,110																											
c. Real Property Maintenance Backlog (\$000): \$ 5,120																														
10. Mission Or Major Functions:																														
As a key component of the Commander, Marine Corps Air Bases, West, provides airfield facilities and material to support operations of the third Marine Aircraft Wing Unit.																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA			4. Project Title AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS		
5. Program Element 0206496M	6. Category Code 211.06	7. Project Number 017	8. Project Cost 4,470		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS (79,954 SF)	m2	7,428	-	3,290	
MAINTENANCE HANGAR ADDITION (11,108 SF)	m2	1,032	1,794	(1,850)	
MAINTENANCE HANGAR MODIFICATIONS (68,846 SF)	m2	6,396	112	(720)	
INFORMATION SYSTEMS	LS	-	-	(250)	
BUILT IN EQUIPMENT	LS	-	-	(240)	
TECHNICAL OPERATING MANUALS	LS	-	-	(90)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(140)	
SUPPORTING FACILITIES	LS	-	-	730	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(220)	
ELECTRICAL UTILITIES	LS	-	-	(180)	
MECHANICAL UTILITIES	LS	-	-	(130)	
ENVIRONMENTAL MITIGATION	LS	-	-	(200)	

SUBTOTAL	-	-	-	4,020	
Contingency (5.0%)	-	-	-	200	

TOTAL CONTRACT COST	-	-	-	4,220	
Supervision Inspection & Overhead (6.0%)	-	-	-	250	

TOTAL REQUEST	-	-	-	4,470	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct four new one-story additions to one double and two single hangars. Concrete slab, reinforced concrete masonry unit walls with concrete structural roof over metal deck and steel trusses. Tapered insulation and modified bituminous roofing. Relocate underground utilities and upgrade electrical distribution. Provide handicap accessibility by addition of one passenger/service elevator for each hangar, handicap toilet facilities and other improvements as part of the new construction. Upgrade information systems of existing hangars by providing upgrades to communications closets, communication, EMS data and electrical wiring and outlets in hangars. Provide fixed passive solar shading devices and exhaust fans. Correct fire code violations by adding roof ladders, fire rating between high-bays of double hangar and</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS		7. Project Number 017
<p>(...continued)</p> <p>connecting hangar doors to emergency generators. Correct physical security violations by hardening of hangar walls, support for Intrusion Detection System, exterior lighting and relocation of landscaping intruding on the security clear zone for the double hangar. Anti-terrorism and Force Protection features are also included.</p>		
<p>11. Requirement: <u>7.428 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Constructs additions and improvements to one double and two single aircraft hangars supporting 93 helicopters to provide storage for Individual Material Readiness List (IMRL) equipment and to correct violations of fire codes, physical security regulations, the Americans with Disabilities Act, (ADA) and improve communications/data infrastructure and energy efficiency. (Current mission)</p> <p>REQUIREMENT:</p> <p>Provide a safe, secure and efficient aircraft maintenance and storage facilities. The aeronautical system is 54 AH-1 W (Attack Helicopter- Model 1, Series W), 27 UH-1 N (Utility Helicopter - Model 1, Series N) and 12 CH-46 (Cargo Helicopter Model 46) helicopters. Specifically, this project provides adequate storage space for IMRL equipment currently located in areas intended and required for aircraft maintenance and corrects fire code, physical security and ADA violations. The project provides the necessary storage space, corrects the handicapped accessibility requirements and provides for all of these required fire protection and security features. Additionally the hangars would be updated to current standards for communications and data requirements as well as energy efficiency.</p> <p>CURRENT SITUATION:</p> <p>The existing hangars currently violate Fire Protection and Security Regulations required to protect the procurement account assets of three Helicopter Marine Light Attack (HMLA) and one Helicopter Marine Medium (HMM) squadrons and the organic equipment necessary for their flight operations and maintenance. These violations are: NFPA Aircraft Hangar Fire Code 409, 2-2.1, inadequate fire separation between aircraft maintenance bays; 2-2.3 inadequate fire separation between shop spaces and aircraft maintenance bays; 2-5.4 lack of adequate fire fighting access to the roof and 2-7.2 lack of adequate fire fighting access through the hangar doors. OPNAVINST 5530.14B & ACO 5500.1SA Physical Security Manual, Aviation assets are designated as Level two security areas, i.e. assets</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS		7. Project Number 017
<p>(...continued)</p> <p>that if compromise could cause serious damage to the command mission or national security. Restricted areas being defined as aircraft hangars they should have structural barrier walls, which requires the hardening of openings, Intrusion Detection Systems, Entry Access Control Systems and security lighting. The IMRL is currently stored and used on the hangar high bay maintenance area. This is a violation of the National Fire Protection Association (NFPA) Fire Code 409 Standard on Aircraft Hangars 2-2.3 which requires 1-hour fire separation walls between aircraft maintenance areas and shop areas. The proposed addition would allow the relocation of the equipment to such a separated space. Additionally the hangars violate sections 2-5.4, no exterior ladders to the roof for access by fire fighters and 2-7.2 no independent source of electric power so that the hangar doors will open automatically for fire fighting access. Additionally the double hangar violates section 2-2.1 in that the two aircraft maintenance bays do not have the required 3-hour fire separation. The proposed project would correct all four fire code violations. The hangars also violate Marine Corps Order 5500.13A on Physical Security in that, none of the hangars have adequate structural barriers at openings, access control or intrusion detection systems. The two single hangars do not have exterior lighting in the security clear zone and the double hangar has landscaping obstructing the security clear zone. None of the hangars comply with the Americans with Disabilities Act (ADA) for handicap accessibility.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Significant quantities of IMRL equipment will continue to be stored in open hangar space intended for aircraft undergoing required maintenance thus decreasing procedural efficiency due to decreased protected maintenance area. The facilities supporting aircraft operations and maintenance will not meet the fire safety and security requirements leaving the procurement account assets (aircraft) at risk to damage and loss due to fire and security events.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA		
4. Project Title AIRCRAFT HANGAR ADDITIONS/MODIFICATIONS		7. Project Number 017
<p>(...continued)</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 07/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 225</p> <p>(B) All Other Design Costs..... 150</p> <p>(C) Total..... 375</p> <p>(D) Contract..... 350</p> <p>(E) In-House..... 25</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 11/01</p> <p>(6) Construction Completion..... 12/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT WILLIAM HEDGES Phone No: (760)-725-9800</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N60042 NAVAL AIR FACILITY EL CENTRO, CALIFORNIA						4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.24	
6. Personnel Strength a. As Of 6/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	39	279	119	0	0	0	167	387	0	991
	36	317	97	0	0	0	167	387	0	1,004
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (62,542.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 80,623.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 23,520.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 25,000.00										
g. REMAINING DEFICIENCY..... 85,645.00										
h. GRAND TOTAL..... 214,788.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start Complete</u>		
724.11	TRANSIENT STUDENT BEQ					0 LS	23,520	12/99 10/02		

TOTAL							23,520			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
721.11	BEQ TRANSIENT/GALLEY (56,328 SF)					5,233 m2	25,000			

TOTAL							25,000			
c. Real Property Maintenance Backlog (\$000): \$ 38,395										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide services and material to support operations of aviation activities of the Pacific Fleet. Divert field for San Diego area Naval Air Stations. Training and deployment site for fighter, attack, early warning Navy and Marine fleet and reserve squadrons.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N60042 NAVAL AIR FACILITY EL CENTRO, CALIFORNIA			4. Project Title TRANSIENT BACHELOR ENLISTED QUARTERS		
5. Program Element 0204696N	6. Category Code 721.21	7. Project Number 234	8. Project Cost 23,520		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
TRANSIENT BACHELOR ENLISTED QUARTERS (83,528 SF)	m2	7,760	-	18,060	
BUILDING (83,528 SF)	m2	7,760	1,865	(14,470)	
SPECIAL COSTS	LS	-	-	(2,940)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(120)	
INFORMATION DATA SYSTEMS (TELCOM)	LS	-	-	(300)	
BUILT-IN EQUIPMENT	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(200)	
SUPPORTING FACILITIES	LS	-	-	2,340	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(870)	
ELECTRICAL UTILITIES	LS	-	-	(170)	
OUTSIDE COMMUNICATIONS PLANT	LS	-	-	(30)	
MECHANICAL UTILITIES	LS	-	-	(170)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(940)	
DEMOLITION	LS	-	-	(160)	

SUBTOTAL	-	-	-	20,400	
Contingency (5.0%)	-	-	-	1,020	

TOTAL CONTRACT COST	-	-	-	21,420	
Supervision Inspection & Overhead (6.0%)	-	-	-	1,290	

SUBTOTAL	-	-	-	22,710	
DESIGN BUILD - DESIGN COST	LS	-	-	810	

TOTAL REQUEST	-	-	-	23,520	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	2,057	
10. Description of Proposed Construction					
<p>Constructs a multi-story bachelor enlisted quarters (BEQ) for transient personnel. The facility will provide 80 '2+0' standard modules consisting of two-rooms each with a semi-private bath, a sleeping/living room area for up to two people, and one closet per room. The facility is to be constructed of reinforced concrete, with steel joist, masonry block and foam roof; with utilities, heating, ventilation, and air conditioning, fire protection system, emergency power, and telephone linking to each room. Special costs include sound attenuation and seismic construction</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60042 NAVAL AIR FACILITY EL CENTRO, CALIFORNIA		
4. Project Title TRANSIENT BACHELOR ENLISTED QUARTERS		7. Project Number 234
<p>(...continued)</p> <p>features. The project will include site improvements, drainage, parking area with covered parking, and demolition of three buildings. Asbestos and lead disposal are required during the demolition process.</p> <p>Intended Grade Mix: 160 E4-O6 Maximum Utilization: 320 E1-E3</p>		
<p>11. Requirement: <u>554 PN</u> Adequate: <u>119 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Constructs a bachelor enlisted quarters for transient personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and properly configured student transient quarters are required to billet transient personnel as necessary to support base loading, meet Department of Defense standards, and conform to the NAF El Centro's Comprehensive Neighborhood plan (CNP). The goal of the CNP is to provide a phased implementation plan for providing suitable Bachelor Quarters.</p> <p>CURRENT SITUATION:</p> <p>NAF El Centro has seven multi-unit BEQ buildings with a total of 341 rooms capable of housing 643 personnel and three BOQ buildings with a total 69 rooms capable of housing 103 personnel. Five of the seven BEQ buildings were constructed in the early 1940's as open bay barracks and have since been converted to single and double rooms with one or two common heads for the building. Because of their condition and small size, they do not meet criteria for cost effective renovation. Two of the three Bachelor Officer buildings were constructed in 1944 and because of their small size and condition, have little potential for cost effective renovation. With yearly increases in transient occupancy rates, Certificates of Non-Availability (CNA) bed occupancy days have increased since 1990. Based on the continuing rise in base loading, FY-2000 CNA costs incurred are expected to exceed \$800,000 per year.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Existing sites will be utilized until deemed unsafe for occupancy. Training evolutions will continue to be cancelled or re-scheduled when billeting is unavailable because funds are insufficient to cover in-town hotel charges and associated per diem costs.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: N60042 NAVAL AIR FACILITY EL CENTRO, CALIFORNIA		
4. Project Title TRANSIENT BACHELOR ENLISTED QUARTERS		7. Project Number 234

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started..... 12/99

(B) Date Design 35% Complete..... 05/02

(C) Date Design Complete..... 10/02

(D) Percent Complete As Of September 2000..... 2%

(E) Percent Complete As Of January 2001..... 2%

(F) Type of Design Contract..... Design Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 611

(B) All Other Design Costs..... 204

(C) Total..... 815

(D) Contract..... 204

(E) In-House..... 611

(4) Contract Award..... 06/02

(5) Construction Start..... 10/02

(6) Construction Completion..... 10/04

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Furnishings	O&MN	2002	2057

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60042 NAVAL AIR FACILITY EL CENTRO, CALIFORNIA		
4. Project Title TRANSIENT BACHELOR ENLISTED QUARTERS		7. Project Number 234
(...continued) Activity POC: LCDR JOHN WHITE Phone No: (760) 339-2201		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM							2. Date 6/30/01		
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE CALIFORNIA					4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.25		
6. Personnel Strength										
	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/01	645	4,130	725	0	0	0	50	93	0	5,643
b. End FY 2007	947	5,610	1,080	0	0	0	50	93	0	7,780
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (39,173.00)										
b. INVENTORY TOTAL AS OF 30 Sep 1999..... 359,997.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 51,720.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 10,010.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 16,380.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 63,350.00										
g. REMAINING DEFICIENCY..... 1,052,007.00										
h. GRAND TOTAL..... 1,553,464.00										
8. Projects Requested In This Program:										
Category						Cost	Design Status			
<u>Code</u>	<u>Project Title</u>			<u>Scope</u>		<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>		
721.11	BACHELOR HOUSING (23,788 SF)			2,210 m2		10,010	05/00	02/02		
TOTAL						10,010				
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
113.20	A/C PRKNG APRON HGR5 (PH I)			0 LS		8,380				
141.11	AIR PASSENGER TERMINAL (10,549 SF)			980 m2		8,000				
TOTAL						16,380				
b. Major Planned Next Three Years:										
211.03	CORROSION CNTL HANGAR (11,151 SF)			1,036 m2		13,300				
141.70	EXPAND AIR TRAFFIC CTL TWR (398 SF)			37 m2		2,250				
211.04	INTEGRATED MAINT HANGAR			0 LS		20,200				
171.20	AIR COMBAT TRNG FACILITY			0 LS		7,900				
851.10	COMMUNITY THOROUGHFARE			0 LS		7,900				
721.11	TRANSIENT QUARTERS			0 LS		6,800				
730.84	RELIGIOUS EDUCATION FAC			0 LS		3,200				
750.57	OPS RECREATION CENTER			0 LS		1,800				
TOTAL						63,350				
(Continued On DD 1390C)										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N63042 NAVAL AIR STATION LEMOORE CALIFORNIA		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.25
<p>(...continued)</p> <p>c. Real Property Maintenance Backlog (\$000): \$ 87,881</p>			
<p>10. Mission Or Major Functions:</p> <p>Maintain and operate facilities and provide services and materials to support the aviation assets and operations of the Pacific Fleet. This base is the homeport for all Pacific Fleet Light Attack (F/A-18) Squadrons and Replacement Training Squadrons.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0204696N	6. Category Code 721.11	7. Project Number 194	8. Project Cost 10,010		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (37,588 SF)		m2	3,492	-	7,710
BACHELOR ENLISTED QUARTERS (37,588 SF)		m2	3,492	2,073	(7,240)
BUILT-IN EQUIPMENT		LS	-	-	(210)
INFORMATION DATA SYSTEM		LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION		LS	-	-	(120)
TECHNICAL OPERATING MANUALS		LS	-	-	(40)
SUPPORTING FACILITIES		LS	-	-	970
UTILITIES, PAVING AND SITE IMPROVEMENTS		LS	-	-	(870)
ANTI-TERRORISM/FORCE PROTECTION		LS	-	-	(30)
OUTSIDE COMMUNICATION LINES		LS	-	-	(70)
SUBTOTAL		-	-	-	8,680
Contingency (5.0%)		-	-	-	430
TOTAL CONTRACT COST		-	-	-	9,110
Supervision Inspection & Overhead (6.0%)		-	-	-	550
SUBTOTAL		-	-	-	9,660
DESIGN BUILD DESIGN COST		LS	-	-	350
TOTAL REQUEST		-	-	-	10,010
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Construct a three-story apartment-type bachelor enlisted quarters and a single story core building. The bachelor enlisted quarters will consist of 36 ''2+0'' modules comprised of two living/sleeping rooms with a walk-in closet, a shared semi-private bath, and kitchenette. Project includes administration, house keeping, vending, laundry and common use areas. Work includes sidewalks, parking facilities, landscaping, extension/realignment of roads, utility connections, other onsite improvements. The facility will include anti-terrorism/force protection and physical security measures and will be constructed to seismic zone 4 standards.</p> <p>Intended Grade Mix: 144 E1-E4 Maximum Utilization: 144 E1-E4</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 194
<p>(...continued)</p> <p>11. Requirement: <u>1,521 PN</u> Adequate: <u>1,239 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Constructs a three story apartment-type BEQ and a central core building containing supporting facilities associated with the cluster of building apartments (F/A-18E/F Mission). (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate bachelor quarters space is required to accommodate personnel assigned to the F/A-18E/F being introduced to Lemoore. Existing BEQs have been, or will be, renovated to meet current space standards/requirements. This will result in a deficiency of 434 bachelor enlisted quarters spaces. The majority of this deficiency is associated with the F/A-18E/F program. This project and MILCON Project P-201 (FY 2001) will eliminate this deficiency.</p> <p>CURRENT SITUATION:</p> <p>Existing bachelor housing is adequate to support current population of Lemoore. However, it will not support the expanded mission. Existing BEQ spaces are being rehabilitated to meet current standards, which will cause a deficiency of 434 adequate BEQ spaces. This deficiency reflects the introduction of the F/A-18E/F at NAS Lemoore. There is insufficient available alternative housing in the private sector within a twenty mile driving radius for personnel assigned to NAS Lemoore and the F/A-18E/F squadrons and support units. The E1-E4 personnel require berthing that is accessible to their work stations.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>NAS Lemoore will not be able to adequately accommodate berthing for unaccompanied enlisted personnel, resulting in overcrowding of existing facilities. Failure to provide space for the BEQ will result in undue hardships on the junior enlisted military assigned to NAS Lemoore. This situation will adversely affect their welfare and quality of life.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63042 NAVAL AIR STATION LEMOORE, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 194

(...continued)

(1) Status:

(A) Date Design Started..... 05/00

(B) Date Design 35% Complete..... 09/00

(C) Date Design Complete..... 02/02

(D) Percent Complete As Of September 2000..... 35%

(E) Percent Complete As Of January 2001..... 45%

(F) Type of Design Contract..... Design Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: Yes

(B) Where Design Was Most Recently Used: 201LEMOORE

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 0

(B) All Other Design Costs..... 285

(C) Total..... 285

(D) Contract..... 95

(E) In-House..... 190

(4) Contract Award..... 11/01

(5) Construction Start..... 02/02

(6) Construction Completion..... 02/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 719

D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 0

E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 15642

Activity POC: CDR KIRK WILSON Phone No: (559) 998-4091

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N49146 NAWS POINT MUGU SAN NICHOLAS IS, CA						4. Command Naval Air Systems Command			5. Area Constr Cost Index 1.12	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	267	1,770	1,870	0	0	0	134	89	0	4,130
	287	1,714	2,980	0	0	0	134	89	0	5,204
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (1,133.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 524,956.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 13,730.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 13,400.00										
h. GRAND TOTAL..... 552,086.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start Complete</u>		
151.60	SUPPLY PIER (27,502 SF)					2,555 m2	13,730	12/99 10/02		
TOTAL							13,730			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
<p>Note: Block 6a and 6b - These numbers reflect the Personnel Strength of the Host Activity UIC N68937 NAVAIRWPNSTA, China Lake.</p> <p>Block 7a and 7b - These numbers reflect the Total Acreage and Total Inventory for the Host Activity UIC N68937 NAVAIRWPNSTA, China Lake.</p> <p>San Nicolas Island (SNI) is a Navy owned and operated facility used as an instrumentation site. Located 65 NM southwest of the Point Mugu complex, SNI is the cornerstone in the Sea Range capabilities because of its land mass and depth of surrounding waters. The main support facilities include a</p>										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N49146 NAWS POINT MUGU SAN NICHOLAS IS, CA		4. Command Naval Air Systems Command	5. Area Constr Cost Index 1.12
<p>(...continued)</p> <p>10,000 foot runway, full range instrumentation facilities, an air terminal, housing, a power plant, a fuel farm and other necessary base support functions.</p> <p>SNI is instrumented with metric tracking and surveillance radars, Global Positioning System (GPS) receivers, optics, telemetry, and communications necessary to support long range and over-the-horizon weapons testing, Fleet training and Theater Missile Defense exercises. SNI instrumentation also supports InterContinental Ballistic Missile (ICBM) and Polar satellite launches from the Western Range at Vandenberg Air Force Base.</p> <p>In addition, frequency monitoring, meteorological measurement systems and ordnance and launching facilities are available. Capabilities include launch of subscale and unmanned full-scale targets and launch sites for surface-launched weapons.</p> <p>Because of its isolated environment and shoreline characteristics, SNI is ideal for providing littoral warfare training, including tri-service and theater warfare exercises. It is also an excellent environment for conducting classified operations.</p>			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N49146 NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA			4. Project Title SAN NICHOLAS ISLAND SUPPLY PIER	
5. Program Element 0605896N	6. Category Code 151.60	7. Project Number 250	8. Project Cost 13,730	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SAN NICHOLAS ISLAND SUPPLY PIER	LS	-	-	8,750
CONCRETE SUPPLY PIER (31,000 SF)	M2	2,880	2,670	(7,690)
MOORING DOLPHINS	LS	-	-	(270)
TRANSIT SHED (9,688 SF)	M2	900	433	(390)
BEACH CROSSING RAMP (5,630 SF)	m2	523	191	(100)
WATERFRONT OPERATIONS BUILDING (1,787 SF)	M2	166	1,205	(200)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(80)
SUPPORTING FACILITIES	LS	-	-	3,160
OPEN STAGING/STORAGE AREA/LIGHTING	LS	-	-	(220)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(160)
ELECTRICAL DISTRIBUTION/SUBSTATION	LS	-	-	(1,760)
UPGRADE ACCESS ROADS	LS	-	-	(360)
WATER DISTRIBUTION SYSTEM	LS	-	-	(530)
DEMOLITION AND SITE IMPROVEMENTS	LS	-	-	(130)

SUBTOTAL	-	-	-	11,910
Contingency (5.0%)	-	-	-	600

TOTAL CONTRACT COST	-	-	-	12,510
Supervision Inspection & Overhead (6.0%)	-	-	-	750

SUBTOTAL	-	-	-	13,260
DESIGN BUILD DESIGN COST	LS	-	-	470

TOTAL REQUEST	-	-	-	13,730
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a permanent reinforced concrete supply pier with precast concrete driven piles, asphalt staging/parking area, mooring dolphins, containment berms, access ramp, waterfront transit shed, operations building, electrical distribution system and utilities, lighting, new water systems and hookups, access road improvements, site improvements, technical operating manuals, and demolition.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: N49146 NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA		
4. Project Title SAN NICHOLAS ISLAND SUPPLY PIER		7. Project Number 250
<p>(...continued)</p> <p>11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>1,000 LS</u></p> <p>PROJECT:</p> <p>Project provides a permanent barge landing site for San Nicolas Island (SNI) with a supply pier that provides for offloading of both freight and fuel; staging/storage areas; and upgrade of access roads. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to support off loading of materials and supplies at San Nicolas Island (SNI). SNI is a remote, highly instrumented facility absolutely critical to the operation of the 36,000 square mile Sea Range. The range provides an operationally realistic, safe, and thoroughly instrumented range for aircraft and shipboard weapons systems test and evaluation (T&E) and Fleet live fire missile training. Unmanned targets for surface-to-surface, air-to-air, air-to-surface, and surface-to-air T&E and Fleet exercises are staged, launched, and tracked from SNI. Instrumentation systems on SNI support over 2000 T&E and Fleet Training missions every year.</p> <p>Currently, most materials and supplies are transported to SNI by barge from either Port Hueneme or Long Beach. Offloading is accomplished by running the barge aground, using bulldozers to construct sand/Marsden mat ramps, and moving equipment and supplies over the beach - an inefficient and dangerous amphibious operation. Aircraft are used to transport personnel to and from SNI, but are not adequate for large and heavy equipment and bulk materials. The annual tonnage requirement is 120 to 220 tons per trip for 30 to 40 trips, and the requirement to return 150 tons of non-construction and non-burn trash to the mainland each year.</p> <p>CURRENT SITUATION:</p> <p>Currently, most materials and supplies are transported to SNI by barge from either Port Hueneme or Long Beach. Offloading is accomplished by running the barge aground, using bulldozers to construct sand/Marsden mat ramps, and moving equipment and supplies over the beach - an inefficient and dangerous amphibious operation. Aircraft are used to transport personnel to and from SNI, but are not adequate for large and heavy equipment and bulk materials. The annual tonnage requirement is 120 to 220 tons per trip for 30 to 40 trips, and the requirement to return 150 tons of non-construction and non-burn trash to the mainland each year.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N49146 NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA		
4. Project Title SAN NICHOLAS ISLAND SUPPLY PIER		7. Project Number 250
<p>(...continued)</p> <p>Current annual cost of the barge is approximately \$1.8 million per year. Approximately 30 to 40 supply barge trips are scheduled each year with approximately 20% unable to land due to rough seas or marine mammals on the beach. Trips are also often delayed up to six weeks. Delays within the past year alone have impacted project testing at an estimated cost of \$285,000. Contractor claims due to failure to maintain reliable barge schedules have been a continuing problem for construction projects on SNI. During the past year alone, supply barge delays resulted in \$400,000 in claims from construction contractors for runway, living quarters, and galley repairs.</p> <p>The current barge landing area is in an elephant seal 'haul out' area. For several months each year, the seals haul out to pup, bringing the flow of supplies to SNI to a standstill. The number of seals has increased from several hundred to over 20,000 in just the last few years, making it impossible to clear the area for a barge landing. The haul out area continues to increase in size.</p> <p>There also are safety issues related to the current method of landing the barge, which is considered a dangerous task due to sea state, multiple high tension cable tie-downs, and speed at which the barge needs to be off loaded. Personnel injuries have occurred (including a broken jaw and lost teeth from a line that snapped) and equipment damaged (including broken vehicle axles and undercarriages from being dragged across the sand to beat the incoming tides) during the off loading process. High-tension cables have also broken during the off loading process and have the potential for causing serious injuries, including loss of life.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without a pier, continued barge landings on the beach will be required. Resupply will be repeatedly interrupted or stopped for periods of 6 weeks or longer due to sea conditions and environmental issues. Training and testing operations for weapons programs on the sea range will continue to be delayed resulting in additional delay costs. Unsafe and environmentally unsound operations will continue. Cost savings/avoidance will not be realized.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190,</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N49146 NAVAL AIR WARFARE CENTER, WEAPONS DIV POINT MUGU, CALIFORNIA		
4. Project Title SAN NICHOLAS ISLAND SUPPLY PIER		7. Project Number 250

(...continued)
Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	12/99
(B) Date Design 35% Complete.....	05/02
(C) Date Design Complete.....	10/02
(D) Percent Complete As Of September 2000.....	2%
(E) Percent Complete As Of January 2001.....	2%
(F) Type of Design Contract.....	Design Build
(G) Parametric Estimate used to develop cost.....	Yes
(H) Energy study/life-cycle analysis performed.....	Yes

(2) Basis:

(A) Standard or Definitive Design:	No
(B) Where Design Was Most Recently Used:	N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	356
(B) All Other Design Costs.....	119
(C) Total.....	475
(D) Contract.....	119
(E) In-House.....	356

(4) Contract Award..... 06/02

(5) Construction Start..... 10/02

(6) Construction Completion..... 06/04

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: LT DUONG TAM ANH Phone No: 805-989-2383

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																				
3. Installation and Location/UIC: N0612A NAVAL CONSTRUCTION TRAINING CENTER PORT HUENEME CALIFORNIA						4. Command Commander In Chief, Pacific Fleet			5. Area Constr Cost Index 1.12																	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																	
	228	3,298	3,662	0	322	0	90	60	0	7,660																
	238	3,567	4,274	0	416	0	90	60	0	8,645																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (6,400.00)																										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 536,197.00																										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,780.00																										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																										
g. REMAINING DEFICIENCY..... 15,750.00																										
h. GRAND TOTAL..... 555,727.00																										
8. Projects Requested In This Program:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>214.20</td> <td>CHASSIS/ENG MAINT TRNG SCH (8,600 SF)</td> <td>799 m2</td> <td>12/99 10/02</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td style="text-align: center;">3,780</td> <td></td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	214.20	CHASSIS/ENG MAINT TRNG SCH (8,600 SF)	799 m2	12/99 10/02	TOTAL		3,780	
Category		Cost	Design Status																							
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																							
214.20	CHASSIS/ENG MAINT TRNG SCH (8,600 SF)	799 m2	12/99 10/02																							
TOTAL		3,780																								
9. Future Projects:																										
a. Included In The Following Program (FY 2003): None																										
b. Major Planned Next Three Years: None																										
c. Real Property Maintenance Backlog (\$000): \$ 0																										
10. Mission Or Major Functions:																										
<p>Note: Block 6a and 6b These numbers reflect the Personnel Strength of the Host Activity UIC N69232 Naval Base, Ventura County</p> <p>Train Seabee personnel to prepare them for early usefulness in their designated specialties; supplement on-the-job training with advanced and specialized training when such training is more advantageously given in a formal school.</p>																										
11. Outstanding Pollution And Safety Deficiencies (\$000):																										
a. Pollution Abatement (*): \$ 0																										
b. Occupational Safety And Health (OSH) (#): \$ 0																										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N0612A NAVAL CONSTRUCTION TRAINING CENTER PORT HUENEME, CALIFORNIA			4. Project Title CONSTRUCTION VEHICLE MAINTENANCE SCHOOL		
5. Program Element 0805796N	6. Category Code 214.20	7. Project Number 520	8. Project Cost 3,780		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
CONSTRUCTION VEHICLE MAINTENANCE SCHOOL (9,203 SF)	m2	855	-	1,670	
VEHICLE MAINTENANCE INST. BUILDING (5,425 SF)	m2	504	1,825	(920)	
GENERAL WAREHOUSE (603 SF)	m2	56	938	(50)	
ORGANIZATIONAL CLASSROOM (1,798 SF)	m2	167	1,948	(330)	
BATTERY SHOP (75 SF)	m2	7	1,598	(10)	
ADMINISTRATION SPACES (1,302 SF)	m2	121	1,922	(230)	
ANTI-TERRORISM/FORCE PROTECTION INFORMATION SYSTEMS	LS	-	-	(30)	
BUILT-IN EQUIPMENT	LS	-	-	(50)	
TECHNICAL OPERATING MANUALS	LS	-	-	(10)	
SUPPORTING FACILITIES (630 LF)	LS	-	-	(40)	
SPECIAL CONSTRUCTION FEATURES	m	192	-	1,610	
ELECTRICAL UTILITIES (630 LF)	LS	-	-	(670)	
MECHANICAL UTILITIES	m	192	365	(70)	
OUTSIDE COMMUNICATION LINES	LS	-	-	(80)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(70)	
DEMOLITION	LS	-	-	(340)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(320)	

SUBTOTAL	-	-	-	3,280	
Contingency (5.0%)	-	-	-	160	

TOTAL CONTRACT COST	-	-	-	3,440	
Supervision Inspection & Overhead (6.0%)	-	-	-	210	

SUBTOTAL	-	-	-	3,650	
DESIGN BUILD DESIGN COST	LS	-	-	130	

TOTAL REQUEST	-	-	-	3,780	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
Construct reinforced concrete masonry building, high-bay consisting of steel framing, concrete slab on grade with spread footings, and concrete slab roof. Interior to consist of one-story wood stud walls and floors					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N0612A NAVAL CONSTRUCTION TRAINING CENTER PORT HUENEME, CALIFORNIA		
4. Project Title CONSTRUCTION VEHICLE MAINTENANCE SCHOOL		7. Project Number 520
<p>(...continued)</p> <p>and drywall modules along one side of the building with classrooms and tool room space on the ground floor with office space on the second floor. Demolish six existing buildings. Buildings require the removal and disposal of lead and asbestos. Building special construction features include sustainable design.</p>		
<p>11. Requirement: <u>5,841 m2</u> Adequate: <u>4,986 m2</u> Substandard: <u>89 m2</u></p> <p>PROJECT:</p> <p>This project will provide adequate space in which to conduct training in heavy and light chassis maintenance for large motorized equipment, including D7 bull-dozers, pick-up trucks and RT forklifts. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is required to meet the long range goals and specific objectives of the Naval Construction Training Center (NCTC) Port Hueneme, CA. A Tool Room, Classrooms, Vehicle Apron, Hazardous Material Storage and Battery Shop are all necessary to support the mission of the NCTC Chassis/Engine Maintenance Training program. NCTC Construction Mechanic student training functions include two to three classes at a time consisting of 12 students per class. Classrooms and shops require adequate space for mock-ups and displays including 6-8 engines or dozer chassis. Tool Room storage is for a minimum of forty-eight sets of student tools plus storage for materials, including hazardous materials. Vehicle apron is for the storage of full-size heavy equipment vehicles used for maintenance training. Hazardous Material storage is for training in the use and handling of vehicle fluids such as lubricants, oils, anti-freeze, and hydraulic fluid. A separate battery storage room is required for proper management of training equipment batteries.</p> <p>CURRENT SITUATION:</p> <p>Engine and Chassis Maintenance training, formerly conducted in buildings reassigned to the Air Force, is now conducted in Building 1146. Building 1146 is a pre-engineered single story building constructed in 1967. The facility is located on a flood plain and is susceptible to frequent flooding during the rainy season. The building exterior is heavily deteriorated and roof leaks are common. Other safety problems exist with training facilities and include: 1) the Battery Shop does not meet Navy Occupational Safety and Health (NAVOSH) or Environmental Protection Agency (EPA) standards, 2) floor-mounted electrical switch gear components are often underwater during flooding, and 3) there is no emergency lighting.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N0612A NAVAL CONSTRUCTION TRAINING CENTER PORT HUENEME, CALIFORNIA		
4. Project Title CONSTRUCTION VEHICLE MAINTENANCE SCHOOL		7. Project Number 520
<p>(...continued)</p> <p>Training Material and Hazardous/Flammable Storage buildings listed above are not used due to non-strategic location with classes, as well as safety and environmental concerns.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Teaching and learning conditions will continue to be negatively impacted by substandard facility conditions, and teachers and students will be forced to endure distractions and hazards inappropriate for a training environment. Additionally, \$400,000 worth of construction tools will continue to be stored in an non-secure building due to the lack of adequate facilities.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 98</p> <p>(B) All Other Design Costs..... 33</p> <p>(C) Total..... 131</p> <p>(D) Contract..... 33</p> <p>(E) In-House..... 98</p> <p>(4) Contract Award..... 06/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N0612A NAVAL CONSTRUCTION TRAINING CENTER PORT HUENEME, CALIFORNIA		
4. Project Title CONSTRUCTION VEHICLE MAINTENANCE SCHOOL		7. Project Number 520
<p>(...continued)</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 10/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR THOMAS CUNNINGHAM Phone No: (805)-982-4153</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N62583 CONSTRUCTION BATTALN CTR PORT HUENEME CALIFORNIA						4. Command Commander In Chief, Pacific Fleet			5. Area Constr Cost Index 1.12	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	228	3,298	3,662	0	322	0	90	60	0	7,660
	238	3,567	4,274	0	416	0	90	60	0	8,645
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (6,400.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 536,197.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 12,400.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 97,856.00										
h. GRAND TOTAL..... 646,453.00										
8. Projects Requested In This Program:										
Category										
Cost Design Status										
<u>Code</u>	<u>Project Title</u>			<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>			
137.40	PORT IMPROVEMENTS			0 LS	12,400	12/99	10/02			

TOTAL					12,400					
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
<p>Note: Block 6a and 6b - These numbers reflect the Personnel Strenght of the Host Activity UIC N69232</p> <p style="text-align: center;">NAVBASE, Ventura County, Point Mugu, CA</p> <p>Support the Naval Construction Force, fleet units and assigned organizational units deployed from, or homeported at the center; support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced base and mobilization stocks. Naval Construction Regiment, Naval Construction Training Center Four, Naval Mobile Construction Battalions, Naval Facilities Engineering Support Center, Naval Ship Weapon Systems Engineering Station, Navy Civil Engineers Officers School.</p>										
(Continued On DD 1390C)										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N62583 CONSTRUCTION BATTALN CTR PORT HUENEME CALIFORNIA		4. Command Commander In Chief, Pacific Fleet	5. Area Constr Cost Index 1.12
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p> a. Pollution Abatement (*): \$ 0</p> <p> b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62583 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CALIFORNIA			4. Project Title PORT IMPROVEMENTS		
5. Program Element 0702896N	6. Category Code 137.40	7. Project Number 532	8. Project Cost 12,400		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
PORT IMPROVEMENTS (2,523 LF)	M	769	-	4,890	
REPLACE FENDERING (2,523 LF)	M	769	6,320	(4,860)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	5,860	
ELECTRICAL UTILITIES	LS	-	-	(3,400)	
MECHANICAL UTILITIES	LS	-	-	(810)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,450)	
DEMOLITION	LS	-	-	(120)	
EXTERIOR COMMUNICATIONS AND ALARM SYSTEM	LS	-	-	(80)	

SUBTOTAL	-	-	-	10,750	
Contingency (5.0%)	-	-	-	540	

TOTAL CONTRACT COST	-	-	-	11,290	
Supervision Inspection & Overhead (6.0%)	-	-	-	680	

SUBTOTAL	-	-	-	11,970	
DESIGN BUILD DESIGN COST	LS	-	-	430	

TOTAL REQUEST	-	-	-	12,400	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Proposed construction will consist of new utility systems, piling and fenders to meet berthing, power, and 'cold iron' requirements at Wharves 3, 4, 5, and 6. The 'cold iron' features will include below deck potable water, sewer, and electrical service for ships berthed at Wharves 3, 4, 5, and 6. The base electrical service will be upgraded to support the additional wharf and site demands, including additional exterior lighting and cabling to shore power, and other related miscellaneous utilities, including telephone and telecommunications equipment. The upgrade of electrical service will provide at least one power box (4800 amp) at each of Wharves 3 and 4 and one box (4800 amp) at each of Wharves 5 and 6 locations. The proposed construction will also provide sewer and water lines to each wharf. The existing water and sewer systems will need to be upgraded in order to handle increased loads.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62583 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CALIFORNIA		
4. Project Title PORT IMPROVEMENTS		7. Project Number 532
<p>(...continued)</p> <p>The construction will also provide for the installation of a new fendering system throughout Wharves 3, 4, 5, and 6 using an advanced technology fendering system such as plastic composite or reinforced concrete with fiber composite materials to replace the existing chemically treated wood fenders, piles, and camels. Construction will re-surface and repair the concrete and asphalt mobilization areas. All construction will meet seismic zone 4 requirements.</p>		
<p>11. Requirement: <u>769 M</u> Adequate: <u>0 M</u> Substandard: <u>0 M</u></p> <p>PROJECT:</p> <p>Provides essential improvements to port berthing facilities. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is required to provide adequate berthing to meet mission requirements for most classes of Fleet combatants, Naval Construction Force (Pacific Fleet Seabees), the Pacific Sea Test Range, tenant command home ported units, and transient vessels deployed from or homeported at Port Hueneme. The port provides service to support US Department of Transportation Maritime Administration (MARAD), Military Sealift Command (MSC), and Naval Research Laboratory (NRL). The port provides terminal facilities in support of the Naval Surface Warfare Center's Combat Technical Evaluations. Oceanographic and survey vessels (TAGOS class vessels) operate from the port. USS transient vessel berthing requirements currently exist for FFG, DDG, CG47, DD963, DDG51, LPD and LSD class. The port and terminal services provide support for major Department Of Defense joint military exercises for the Navy, Marine Corps, and Army. The port is utilized to support mobilization requirements of the Pacific Fleet Seabees, and to store, preserve, and ship advanced base mobilization stocks to Pacific Rim destinations. Additional support is provided to special groups/vessels such as the Navy Dive School, Underwater Construction Team Two, Naval Air Warfare Center surface craft and target vessels, Naval Facilities Engineering Service Center's research vessel, Seabee Dive Locker, and patrol forces.</p> <p>CURRENT SITUATION:</p> <p>The current wharfs are substandard for berthing purposes and will provide utilities to ships while berthed at Port Hueneme. Wharf 4 has a temporary substation to provide power for the USS CURTIS (MARAD). The substation is surface mounted on the wharf, which impedes the laydown area, and adversely affects mobilization efforts due to its location. Power is only</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62583 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CALIFORNIA		
4. Project Title PORT IMPROVEMENTS		7. Project Number 532
<p>(...continued)</p> <p>available at one location, making this 1200-foot long wharf very inflexible for other berthing requirements. Wharf 3 has no ship power capability. Wharves 5 and 6 have inadequate power to meet mission requirements and provide cold iron support. For all wharves, water and sewer utilize surface connections, requiring hoses to lay across the laydown area, adversely affecting mobilization and negatively impacting safety.</p> <p>Current deterioration of the fendering system at Wharves 3, 4, 5 and 6 reduces the Center's ability to accommodate large transport vessels when needed for mobilization. Wharf 3 provides the Naval Construction Battalion Center's main cargo, mobilization, and transit vessel berthing. A mission critical service for Wharf 3 is its electrical power service. The existing electrical service at Wharf 3 does not meet the current demands. Wharf 4 is NCBC's main USMC mobilization wharf and alternate transit vessel wharf. Due to recent severe storms, Wharf 4 has badly damaged wood piling and fendering systems. In addition, the inadequate fendering system at Wharf 5 reduces the port's ability to accommodate large vessels. The main deficiencies for Wharf 5 consist of inadequate electrical power and water/sewer services for vessels. Deteriorated and undersized electrical systems at Wharf 6 create unsafe working conditions and the inability for other vessels to utilize the wharf, especially in times of mobilization. Sewer and water systems at the wharves are deteriorated and have insufficient capacity.</p> <p>The paved surfaces throughout the port are badly deteriorated and a hazard to personnel and equipment. Currently, both routine and mobilization operations are impeded by the irregularities and weaknesses in the paved areas around the wharfs in this project. These conditions make efficient and timely load-out difficult and are a costly impediment.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to make critical improvements to the port's fendering and utilities systems will limit the installation's ability to adequately support tenants' berthing requirements. Continued deterioration of the facilities will impact the port's ability to effectively support the Pacific Fleet Seabees mission with respect to rapid deployment and mobilization. Without improvements, the capability to support large vessels will be reduced significantly. The surface connections and hoses will continue to impact rapid loading of base mobilization stock.</p> <p>Failure to provide the necessary utilities services and improvements to</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62583 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CALIFORNIA		
4. Project Title PORT IMPROVEMENTS		7. Project Number 532
<p>(...continued)</p> <p>the paving, will result in additional safety hazards. The continued use of temporary surface mounted electrical systems at the wharves will result in an increase of unsafe working conditions during mobilization and other port operations. Without improvements to the water and sewer connection, engineering controls cannot be implemented to eliminate surface hoses from being placed across the laydown area. Without the proper engineering controls, safety during port operations will be compromised.</p> <p>Maintenance costs will continue to escalate. The use of the chemically treated wood fendering system will result in a continued environmental hazard with respect to water quality within the port.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 334</p> <p>(B) All Other Design Costs..... 111</p> <p>(C) Total..... 445</p> <p>(D) Contract..... 111</p> <p>(E) In-House..... 334</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62583 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CALIFORNIA		
4. Project Title PORT IMPROVEMENTS		7. Project Number 532
<p>(...continued)</p> <p>(6) Construction Completion..... 07/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Cdr Thomas F. Bersson Phone No: (805) 982-2111</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																												
3. Installation and Location/UIC: N00245 NAVAL STATION SAN DIEGO CALIFORNIA				4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.2																												
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																									
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																										
	1,885	20,041	5,866	0	0	0	240	1,164	0	29,196																									
	1,841	20,825	6,404	0	0	0	240	2,887	0	32,197																									
7. INVENTORY DATA (\$000)																																			
a. TOTAL ACREAGE (1,518.00)																																			
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 344,845.00																																			
c. AUTHORIZATION NOT YET IN INVENTORY..... 37,170.00																																			
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 64,740.00																																			
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 3,500.00																																			
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																																			
g. REMAINING DEFICIENCY..... 533,447.00																																			
h. GRAND TOTAL..... 983,702.00																																			
8. Projects Requested In This Program:																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> <tr> <td>721.12</td> <td>BACHELOR ENLISTED QUARTERS (313,230 SF)</td> <td>29,100 m2</td> <td style="text-align: right;">47,240</td> <td>12/99 10/02</td> </tr> <tr> <td>151.20</td> <td>GENL PURP/BERTHING PIER</td> <td>0 LS</td> <td style="text-align: right;">17,500</td> <td>03/99 12/01</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">64,740</td> <td></td> </tr> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	721.12	BACHELOR ENLISTED QUARTERS (313,230 SF)	29,100 m2	47,240	12/99 10/02	151.20	GENL PURP/BERTHING PIER	0 LS	17,500	03/99 12/01	TOTAL			64,740	
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721.12	BACHELOR ENLISTED QUARTERS (313,230 SF)	29,100 m2	47,240	12/99 10/02																															
151.20	GENL PURP/BERTHING PIER	0 LS	17,500	03/99 12/01																															
TOTAL			64,740																																
9. Future Projects:																																			
a. Included In The Following Program (FY 2003):																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">151.50</td> <td style="width: 40%;">PIER 2 ELECTRICAL UPGRADE (63 GM)</td> <td style="width: 15%;">240 LM</td> <td style="width: 15%;">3,500</td> <td style="width: 15%;"></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">3,500</td> <td></td> </tr> </table>											151.50	PIER 2 ELECTRICAL UPGRADE (63 GM)	240 LM	3,500		TOTAL			3,500																
151.50	PIER 2 ELECTRICAL UPGRADE (63 GM)	240 LM	3,500																																
TOTAL			3,500																																
b. Major Planned Next Three Years: None																																			
c. Real Property Maintenance Backlog (\$000): \$ 147,886																																			
10. Mission Or Major Functions:																																			
Provide homeport facilities for approximately 54 warships, amphibious ships, and auxiliaries of the Pacific Fleet. Provide harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities.																																			
11. Outstanding Pollution And Safety Deficiencies (\$000):																																			
a. Pollution Abatement (*): \$ 0																																			
b. Occupational Safety And Health (OSH) (#): \$ 0																																			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA			4. Project Title REPLACE PIERS 10 AND 11 (INCREMENT II)	
5. Program Element 0204796N	6. Category Code 151.20	7. Project Number 326A	8. Project Cost Auth 0 Appr 17,500 Auth for Appr 17,500	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
REPLACE PIERS 10 AND 11 (INCREMENT II)	LS	-	-	43,150
PIER STRUCTURE (180,091 SF)	m2	16,731	1,111	(18,590)
PIER UTILITIES	LS	-	-	(7,400)
FENDER SYSTEM (3,025 LF)	m	922	3,959	(3,650)
DREDGING - (OCEAN DISPOSAL) (7,451,394 CF)	m3	211,000	16	(3,380)
DREDGING - (UPLAND DISPOSAL) (7,451,394 CF)	m3	211,000	48	(10,130)
SUPPORTING FACILITIES	LS	-	-	4,650
SHORE UTILITIES	LS	-	-	(2,100)
DEMOLITION AND REMOVAL	LS	-	-	(2,550)

SUBTOTAL	-	-	-	47,800
Contingency (5.0%)	-	-	-	2,390

TOTAL CONTRACT COST	-	-	-	50,190
Supervision Inspection & Overhead (6.0%)	-	-	-	3,010

SUBTOTAL	-	-	-	53,200
LESS INCR I CONSTRUCTION COST (FY01)	LS	-	-	-33,760
LESS INCR I DESIGN/BUILD DESIGN COST (FY 01)	LS	-	-	-1,940

TOTAL REQUEST	-	-	-	17,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	1,170
10. Description of Proposed Construction				
<p>Permanent concrete pier of 36.6 meters (120 foot) wide by 444.4 meters (1,458 foot) long to support 90-ton truck crane operation; concrete and plastic fendering system with foam-filled fenders and plastic log camels; utilities: freshwater, wastewater, compressed air, oily waste, electrical, mechanical utilities including telephone and fire alarm; cable television and energy savings systems, fiber optics cable for a computer network, pier lighting, guard house, and vending/telephone infra-structure; information systems; dredging to -11.3 meters (-37 ft) mean lower low water (MLLW); provide for ocean disposal of suitable dredge materials and disposal of unsuitable dredge materials by use of a Confined Disposal Facility (CDF); supporting facilities include shore utilities and the demolition and removal of two existing piers.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA		
4. Project Title REPLACE PIERS 10 AND 11 (INCREMENT II)		7. Project Number 326A
<p>(...continued)</p> <p>11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u></p> <p>PROJECT:</p> <p>Constructs a new, concrete pier with complete shore utilities support. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate berthing is required to support the Naval Station San Diego, which is the Pacific Fleet's homeport for many large deck amphibious assault ships (LHA/LHDs) and surface combatant classes, including the newest guided missile cruisers and destroyers. These ships are categorized as deep draft/power intensive (DDPI) ships due to the requirement for electrical power to operate the communications suites and other electronic equipment. Currently, 19 DDPIs and 4 PI ships are assigned to the Naval Station. There are 17 DDPI berths which are in adequate condition. A 67 percent in-port loading factor is normally assumed to determine the required number of DDPI berths. However, operational tasking historically results in the loss of entire piers for ships repairs and training (single nesting), visiting ships and foreign ships berthing, ship decommissioning (single berth), and repairs/upgrades. The LHA/LHDs are not as power intensive as combatants, and their lengths take over entire piers, thereby eliminating berths that could be used to deliver the necessary power to truly DDPI combatants. This situation further complicates the berthing configuration and makes this project more necessary.</p> <p>CURRENT SITUATION:</p> <p>Existing Piers 10 and 11 are 1940's construction with insufficient power capabilities; are structurally deteriorated beyond economical repair; are structurally unsound; have inadequate utilities; have insufficient space for loading and unloading operations; have insufficient water depth for load out; and in general, are incapable of operationally supporting the Fleet.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Naval Station will be unable to adequately support the waterfront requirements of the Pacific Fleet, especially homeported ships that require DDPI berths.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01												
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA														
4. Project Title REPLACE PIERS 10 AND 11 (INCREMENT II)		7. Project Number 326A												
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 03/99</p> <p>(B) Date Design 35% Complete..... 06/00</p> <p>(C) Date Design Complete..... 12/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 55%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 525</p> <p>(C) Total..... 525</p> <p>(D) Contract..... 199</p> <p>(E) In-House..... 326</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 12/01</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>HOSES, BROWS, PLATFORMS</td> <td>O&MN</td> <td>1999</td> <td>500</td> </tr> <tr> <td>POWER ASSEMBLY, WINCH, FLOATS, OPN</td> <td></td> <td>1999</td> <td>670</td> </tr> </tbody> </table>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	HOSES, BROWS, PLATFORMS	O&MN	1999	500	POWER ASSEMBLY, WINCH, FLOATS, OPN		1999	670
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
HOSES, BROWS, PLATFORMS	O&MN	1999	500											
POWER ASSEMBLY, WINCH, FLOATS, OPN		1999	670											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA		
4. Project Title REPLACE PIERS 10 AND 11 (INCREMENT II)		7. Project Number 326A
(...continued) Activity POC: LTJG MELISSA PLEAN Phone No: (619) 556-2199		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS	
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 254	8. Project Cost 47,240	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (194,396 SF)	M2	18,060	-	35,260
BACHELOR ENLISTED QUARTERS (194,396 SF)	M2	18,060	1,681	(30,360)
SPECIAL COSTS	LS	-	-	(2,080)
TECHNICAL OPERATING MANUALS	LS	-	-	(160)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,670)
TELECOMMUNICATIONS	LS	-	-	(620)
BUILT-IN EQUIPMENT	LS	-	-	(370)
SUPPORTING FACILITIES	LS	-	-	5,710
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,270)
ELECTRICAL UTILITIES	LS	-	-	(600)
MECHANICAL UTILITIES	LS	-	-	(480)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,120)
OUTSIDE COMMUNICATION LINES	LS	-	-	(150)
DEMOLITION	LS	-	-	(980)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(110)

SUBTOTAL	-	-	-	40,970
Contingency (5.0%)	-	-	-	2,050

TOTAL CONTRACT COST	-	-	-	43,020
Supervision Inspection & Overhead (6.0%)	-	-	-	2,580

SUBTOTAL	-	-	-	45,600
DESIGN BUILD DESIGN COST	LS	-	-	1,640

TOTAL REQUEST	-	-	-	47,240
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Constructs one high-rise concrete bachelor enlisted quarters (BEQ) building with slab on grade and pile foundation; concrete floors and roof panels above grade; concrete masonry unit (CMU) and metal stud walls at interior; seismic construction features; anti-terrorism/force protection measures; utilities and site lighting; paving and walks. Special costs include additional seismic requirements. Provides 258 ''1+1'' modules (4 E1-E4 per module). Project includes quality of life amenities such as air-conditioning, elevators, landscaping and irrigation, cable TV,</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 254
<p>(...continued)</p> <p>storage, walk-in closets, kitchenettes without cooktop burners, and telephone/local area network (LAN) service to each room.</p> <p>Intended Grade Mix: 516 E1-E4</p> <p>Maximum Utilization: 516 E1-E4</p>		
<p>11. Requirement: <u>4.760 PN</u> Adequate: <u>526 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>This project provides an adequate Bachelor Enlisted Quarters for E1-E4 enlisted personnel assigned to the Naval Station, San Diego. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate berthing facilities, parking and services are required for all assigned enlisted personnel to give them a sense of dignity, pride, and place within the community and to support the Chief of Naval Operations initiative to house single sailors on shore vice onboard ship.</p> <p>CURRENT SITUATION:</p> <p>Sufficient BEQ facilities are not available at the Naval Station to support all of the bachelor personnel requiring housing due to current shortages, substandard units, and reduced housing capacity.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Billetting facilities for bachelor personnel will be insufficient; personnel will be unable to obtain affordable, adequate quarters in the local community and will be forced to locate in inadequate quarters in undesirable and remote areas. Morale, good order, discipline and personal safety will be jeopardized.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00245 NAVAL STATION SAN DIEGO, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 254
<p>(...continued)</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1229</p> <p>(B) All Other Design Costs..... 410</p> <p>(C) Total..... 1639</p> <p>(D) Contract..... 410</p> <p>(E) In-House..... 1229</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 1659</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 0</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 23292</p> <p>Activity POC: LTJG MELISSA PLEAN Phone No: (619) 556-2199</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM							2. Date 6/30/01																		
3. Installation and Location/UIC: N63018 NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA					4. Command COMMANDER IN CHIEF, PACIFIC FLEET			5. Area Constr Cost Index 1.2																		
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																	
	2,422	16,433	4,561	0	0	0	475	139	0	24,030																
	2,760	20,351	5,305	0	0	0	475	139	0	29,030																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (48,786.00)																										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 741,674.00																										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 8,610.00																										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																										
g. REMAINING DEFICIENCY..... 0.00																										
h. GRAND TOTAL..... 750,284.00																										
8. Projects Requested In This Program:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>610.10</td> <td>TRAINING FACILITY</td> <td>0 LS 8,610</td> <td>12/99 10/02</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td style="text-align: center;">8,610</td> <td></td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	610.10	TRAINING FACILITY	0 LS 8,610	12/99 10/02	TOTAL		8,610	
Category		Cost	Design Status																							
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																							
610.10	TRAINING FACILITY	0 LS 8,610	12/99 10/02																							
TOTAL		8,610																								
9. Future Projects:																										
a. Included In The Following Program (FY 2003):																										
None																										
b. Major Planned Next Three Years:																										
None																										
c. Real Property Maintenance Backlog (\$000): \$ 0																										
10. Mission Or Major Functions:																										
<p>Provides logistic support for commands of the surface forces, amphibious warfare forces and training command at Coronado. Commander, Surface Forces, U.S. Pacific Fleet Commander Amphibious Training Command, Pacific Amphibious Construction Battalion Underwater Demolition Teams Land Ship Flotilla Amphibious School SEAL Teams Beach Group and Units</p>																										
11. Outstanding Pollution And Safety Deficiencies (\$000):																										
a. Pollution Abatement (*): \$ 0																										
b. Occupational Safety And Health (OSH) (#): \$ 0																										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N63018 NAVAL AMPHIBIOUS BASE CORONADO SAN DIEGO, CALIFORNIA			4. Project Title EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING		
5. Program Element 0206496M	6. Category Code 171.20	7. Project Number 780	8. Project Cost 8,610		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
EXPEDITIONARY WARFARE TRAINING GROUP, PACIFI (31,323 SF)	m2	2,910	-	5,270	
EQUIPMENT MAINTENANCE FACILITY (18,718 SF)	m2	1,739	1,691	(2,940)	
APPLIED INSTRUCTION FACILITY (12,605 SF)	m2	1,171	1,775	(2,080)	
BUILT IN EQUIPMENT	LS	-	-	(50)	
INFORMATION SYSTEMS	LS	-	-	(120)	
TECHNICAL OPERATING MANUALS	LS	-	-	(80)	
SUPPORTING FACILITIES	LS	-	-	2,200	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(700)	
ELECTRICAL UTILITIES	LS	-	-	(50)	
MECHANICAL UTILITIES	LS	-	-	(90)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(570)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(570)	
DEMOLITION	LS	-	-	(220)	

SUBTOTAL	-	-	-	7,470	
Contingency (5.0%)	-	-	-	370	

TOTAL CONTRACT COST	-	-	-	7,840	
Supervision Inspection & Overhead (6.0%)	-	-	-	470	

SUBTOTAL	-	-	-	8,310	
DESIGN BUILD - DESIGN COST	LS	-	-	300	

TOTAL REQUEST	-	-	-	8,610	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Constructs two story building with slab on grade beams, pile foundation, fluted concrete block exterior bearing walls with steel columns and girders on the interior. The roof and second floor will be concrete over metal deck with rigid insulation at the roof. Demolition of four buildings is included in the project. Provide vehicle lift, overhead hose reels and 10-ton hoist. Other costs included are traffic mitigation, seismic construction, construction demolition and waste management, sustainable design (recycled materials) and adjustment for fuel costs. Also includes technical operating manuals and anti-terrorism/force</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC:N63018 NAVAL AMPHIBIOUS BASE CORONADO SAN DIEGO, CALIFORNIA			
4. Project Title EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING FACILITY			7. Project Number 780
(...continued) protection features.			
11. Requirement: <u>2,910 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: This project consolidates training and maintenance into one adequate, efficient structure from five inadequate temporary World War II facilities. (Current mission) REQUIREMENT: Modern training, storage and maintenance facilities are required to fully support the Expeditionary Warfare Training Group, Pacific, mission to provide core competencies in critical amphibious warfare skill sets. The location of the training group at Naval Base Coronado allows the group to take full advantage of all of the joint-use maintenance, housing, medical and training facilities available at the base. The Naval Base also provides a unique progressive training opportunity in the relatively benign waters of San Diego Bay for preliminary training and the ocean facing beaches for more advanced training. These features are not available in the same close proximity at Camp Pendleton. CURRENT SITUATION: Expeditionary Warfare Training Group, Pacific currently uses scattered 1944 vintage facilities on Naval Base Coronado. The facilities were originally configured for World War II Anti-aircraft Training. Unfortunately, the training facilities the group is forced to use are dilapidated and unable to adequately support this critical mission training. The training facility contains no head. The Marines must walk approximately one block to public head facilities on the Naval Base athletic fields or in the other direction to the public head of the Naval Base gym. After the Marines train on the water and return for classroom work they must change from their wet clothing in an open air locker area that is exposed to the elements. There is no shower facility; a hose is used to remove the salt water. During wet weather clothing in the locker area cannot be kept dry and the students must move on to their classroom training, in a classroom facility with no heat or air-conditioning, in wet clothing. The parachute locker available to the Marines has no climate control. The Naval Safety Center has cited the facility as a safety violation because the lack of climate control accelerates the deterioration of the parachute material. Although the Marines are trained to inspect the parachutes for failure before use, the replacement cycle for the equipment is accelerated by the lack of climate control. The			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63018 NAVAL AMPHIBIOUS BASE CORONADO SAN DIEGO, CALIFORNIA		
4. Project Title EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING FACILITY		7. Project Number 780
<p>(...continued)</p> <p>small boats must be cleaned after each use in the ocean water to preserve the equipment and prevent unnecessary corrosion and deterioration. The wash capacity available to the Marines is not adequate to meet their needs, and the heavy washing requirement causes oil and contaminants to spill into San Diego Bay. The areas presently used as maintenance bays are inadequately designed for heavy equipment and contain lead paint and asbestos lagging.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Each year the Expeditionary Warfare Training Group, Pacific trains approximately 200 Marines in basic amphibious reconnaissance skills and three to four Rifle Companies (consisting of approximately 200 Marines apiece) in Small Boat Infiltration Raid Tactics. These skills are critical to the Warfighting capabilities of the Marines Corps and directly support the proficiency of deploying Marine Air Ground Task Forces (MAGTF). Without these new facilities the training and support infrastructure of the Expeditionary Warfare Training Group, Pacific will continue to degrade due to the unnecessary distractions of remote head facilities, lack of climate control in classroom spaces, open air locker space, rapidly deteriorating equipment, and generally inadequate facilities.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63018 NAVAL AMPHIBIOUS BASE CORONADO SAN DIEGO, CALIFORNIA		
4. Project Title EXPEDITIONARY WARFARE TRAINING GROUP, PACIFIC (EWTGPAC), TRAINING FACILITY		7. Project Number 780
<p>(...continued)</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 224</p> <p>(B) All Other Design Costs..... 75</p> <p>(C) Total..... 299</p> <p>(D) Contract..... 75</p> <p>(E) In-House..... 224</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR FRANK STICH Phone No: 619-437-0880</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM								2. Date 6/30/01		
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA						4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.35			
6. Personnel Strength											
		Permanent			Students			Supported		Total	
		Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted		Civilian
a. As Of 9/30/01		102	683	706	55	2,093	0	527	6,842	689	11,697
b. End FY 2007		111	678	613	22	2,256	1	683	7,545	1,141	13,050
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (605,616.00)											
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 501,476.00											
c. AUTHORIZATION NOT YET IN INVENTORY..... 48,310.00											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 75,125.00											
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 25,560.00											
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 51,230.00											
g. REMAINING DEFICIENCY..... 771,117.00											
h. GRAND TOTAL..... 1,472,818.00											
8. Projects Requested In This Program:											
Category					Cost	Design Status					
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>			<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>				
214.51	RESERVE SUPPORT FACS (39,999 SF)	3,716 m2			8,760	06/01	10/02				
171.10	ACADEMIC INSTR BUILDING (43,745 SF)	4,064 m2			9,860	12/99	03/02				
722.10	ENLISTED DINING FACILITY	0 LS			11,930	12/99	10/02				
214.55	VEHICLE WASH STATION (EAP) (158,865 SF)	14,759 m2			5,360	12/99	06/02				
721.24	BACHELOR ENLISTED QUARTERS	0 LS			29,675	06/01	10/02				
610.10	AMMO STORAGE FACILITY	0 LS			9,540	06/01	05/02				
TOTAL					75,125						
9. Future Projects:											
a. Included In The Following Program (FY 2003):											
721.11	BACHELOR ENLSITED QUARTERS	0 LS			25,560						
TOTAL					25,560						
b. Major Planned Next Three Years:											
143.20	EXPLOSIVE ORDNANCE OPS (3,875 SF)	360 m2			2,170						
722.10	ENLISTED DINING FAC (22,001 SF)	2,044 m2			9,440						
721.11	BEQ	0 LS			24,470						
134.70	INSTALL AIRPORT RADAR	0 LS			15,150						
TOTAL					51,230						
(Continued On DD 1390C)											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.35
(...continued) c. Real Property Maintenance Backlog (\$000): \$ 43,400			
10. Mission Or Major Functions: Provide housing, training facilities, logistical, and administrative support for Fleet Marine Force units and other units assigned. Operate the Communication-Electronics School, and administer and conduct the air-ground training program for combined training of Fleet Marine Force units, both active and reserve.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA			4. Project Title ACADEMIC INSTRUCTION FACILITY		
5. Program Element 0206496M	6. Category Code 171.10	7. Project Number 621	8. Project Cost 9,860		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ACADEMIC INSTRUCTION FACILITY (43,745 SF)	m2	4,064	-	7,400	
ACADEMIC INSTRUCTION BUILDING (43,745 SF)	m2	4,064	1,676	(6,810)	
TECHNICAL OPERATING MANUALS	LS	-	-	(100)	
BUILT IN EQUIPMENT	LS	-	-	(100)	
INFORMATION SYSTEMS	LS	-	-	(90)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(300)	
SUPPORTING FACILITIES	LS	-	-	1,150	
SPECIAL CONSTRUCTION FEATURES - SEISMIC	LS	-	-	(550)	
ELECTRICAL UTILITIES	LS	-	-	(130)	
MECHANICAL UTILITIES	LS	-	-	(80)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(390)	

SUBTOTAL	-	-	-	8,550	
Contingency (5.0%)	-	-	-	430	

TOTAL CONTRACT COST	-	-	-	8,980	
Supervision Inspection & Overhead (6.0%)	-	-	-	540	

SUBTOTAL	-	-	-	9,520	
DESIGN BUILD- DESIGN COSTS	LS	-	-	340	

TOTAL REQUEST	-	-	-	9,860	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	7,168	
10. Description of Proposed Construction					
<p>Proposed construction consists of concrete masonry unit construction, concrete slab on grade, and standing seam metal roof. Interior wall systems to be insulated for sound control between classrooms. Finish flooring material of carpeting and vinyl composition tiles throughout. Pedestal flooring will also be provided within the mainframe computer area. Mechanical utilities shall include heating, ventilation and air conditioning system. Construction to also provide electrical utilities, energy monitoring and communication systems. The proposed construction shall also include sufficient sized opening to provide easy access to the classrooms to accommodate tactical shelters (TDN). Technical Operating Manuals will be provided. Anti-terrorism and Force Protection features are also included.</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title ACADEMIC INSTRUCTION FACILITY		7. Project Number 621
<p>(...continued)</p> <p>11. Requirement: <u>4,064 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project provides a new and modern academic instruction facility for the training mission at MCAGCC directly supporting the classroom training requirements of the Marine Corps Communication Electronic School (MCCES). (Current mission)</p> <p>REQUIREMENT:</p> <p>Project is required to provide adequate classroom facilities to meet the on board training demands for computer science and communications curriculums at MCCES subsequent to the consolidation of the MCCES and the Computer Sciences School (CSS) recently moved from MCCDC Quantico, VA. The mission is to provide entry-level and career progression technical training in computer sciences and communications to officers, enlisted and civilians of the Marine Corps and other U.S. military services and government agencies. An adequate and properly configured facility to accommodate new 21st century technology required by the present/future Marine Corps personnel will enhance battlefield data communications, which is the key to success in battle performance. Building requires classrooms with openings designed to allow ingress and egress from outside for tactical shelters such as the TDN to be brought into and out of classroom by material handling equipment (MHE). A concrete apron outside the entry way will also be necessary to facilitate the movement of shelter assemblies and into the classrooms.</p> <p>CURRENT SITUATION:</p> <p>There are no additional adequate facilities that will allow optimum computer science and communications training at the MCAGCC. Currently, the MCCES is housed in two Buildings, numbered 1757 and 1758 and comprising 4618 square meters. In June 1997, the Quantico Computer Sciences School (CSS) moved the Information Management Instructional Department to MCAGCC. This department has since become the Information Management Training Section (IMTS) and, along with the Headquarters section, currently forms Delta Company. The current use of overcrowded, and improperly configured facilities, does not provide the most efficient/effective learning environment in data communication; the lack of space has resulted in a requirement to schedule students in either a daytime or nighttime shift.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title ACADEMIC INSTRUCTION FACILITY		7. Project Number 621
<p>(...continued)</p> <p>Failure to provide the project will result in continued use of the existing fragmented, woefully undersized facility that will not allow the efficient adaptation of new 21st Century state of the art technology required in battles. This concept depends on successful and effective data communications, training and supervision.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 03/02</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 264</p> <p>(C) Total..... 264</p> <p>(D) Contract..... 88</p> <p>(E) In-House..... 176</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 03/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01												
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA															
4. Project Title ACADEMIC INSTRUCTION FACILITY			7. Project Number 621												
<p>(...continued)</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Computer/Office Equipment</td> <td>O&MMC</td> <td>2004</td> <td>7168</td> </tr> </tbody> </table> <p>Activity POC: LCDR WILLIAM BENNETT Phone No: (706)-830-6654</p>				Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Computer/Office Equipment	O&MMC	2004	7168
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)												
-----	-----	-----	-----												
Computer/Office Equipment	O&MMC	2004	7168												

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA			4. Project Title VEHICLE WASH STATION		
5. Program Element 0206496M	6. Category Code 214.55	7. Project Number 609	8. Project Cost 5,360		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
VEHICLE WASH STATION (158,865 SF)	m2	14,759	-	1,870	
VEHICLE WASH PLATFORM (158,865 SF)	m2	14,759	125	(1,840)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	2,780	
SITE RELATED SUPPORT STRUCTURES	LS	-	-	(350)	
ELECTRICAL UTILITIES	LS	-	-	(500)	
MECHANICAL UTILITIES	LS	-	-	(930)	
SITE PREPARATION	LS	-	-	(680)	
SITE IMPROVEMENTS	LS	-	-	(300)	
DEMOLITION	LS	-	-	(20)	

SUBTOTAL	-	-	-	4,650	
Contingency (5.0%)	-	-	-	230	

TOTAL CONTRACT COST	-	-	-	4,880	
Supervision Inspection & Overhead (6.0%)	-	-	-	290	

SUBTOTAL	-	-	-	5,170	
DESIGN BUILD - DESIGN COSTS	LS	-	-	190	

TOTAL REQUEST	-	-	-	5,360	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a reinforced concrete, armored vehicle wash platform/cleaning station with six individual drive through wash islands, two Vehicle Baths with Water Monitors, 12 Wash Water Risers, a Shade Structure with Lights, Power and Vacuum(s), a Collection Basin/Oil Water Separator and related Pump Stations, and Dumpster Pads. Construct 12 inch thick concrete platform with water supply and drainage lines with two water hose connections (wands) to support each bay. Site lighting will be required for nighttime work. Construct a holding tank/vat, 15,000 CF capacity with oil skimmers. Hoses should be high volume and high pressure with appropriate pumps and hose reels. Install concrete paved access and egress to the site. Install all necessary supporting electrical utilities. Extensive grading will be required. Anti-terrorism and Force Protection costs are not applicable to this facility, based on the DOD</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title VEHICLE WASH STATION		7. Project Number 609
(...continued) interim guidance dated 16 Dec 99 and as determined by the activity.		
11. Requirement: <u>14,759 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: This project provides a six bay drive through wash station and drip dry lot for tactical wheeled and tracked vehicles and equipment. (Current mission) REQUIREMENT: The primary purpose of this proposed project is to construct a new vehicle wash station that will be the primary facility responsible for treating hull (exterior) and bilge (interior) waste generating vehicles and equipment aboard MCAGCC. The second responsibility of the new wash station is to provide a much needed wash station for the increased vehicles MCAGCC has received due to the Combined Arms Exercise (CAX) program. The most intensive utilization will occur as the wash station is required to wash all the tactical vehicles after they return from the 21 day CAX. This labor intensive operation is typically conducted twenty-four hours a day for five days and is repeated ten times a year. This post exercise washing is necessary before 1st echelon maintenance is performed and is the primary basis for worst case size and capacity calculations. The new facility is needed to keep MCAGCC in compliance with increasingly stricter wastewater treatment standards and will result in a more efficient and cost effective operation. Project includes all necessary water supply (from an existing non potable well source) and drainage lines, oil water separator and water recycling system. This wash station will meet all the pretreatment standards that are required by the Clean Water Act and the Federal Facilities Compliance Act. CURRENT SITUATION: The Expanded Equipment Allowance Pool (EEAP) provides all of the equipment, motor transport and ordnance, required to execute a training exercise. At the completion of each training exercise, there are 400 to 500 pieces of wheeled or tracked equipment/vehicles required to be cleaned prior to turn-in to the EEAP. The using organizations have only five working days to accomplish this task. They must wash vehicles 24 hours a day to accomplish this task because the existing wash station has inefficient capacity. The EEAP does a turn-around servicing of their entire tactical equipment inventory every 21 days. MCAGCC Twenty Nine Palms' wastewater treatment system is coming under		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title VEHICLE WASH STATION		7. Project Number 609
<p>(...continued)</p> <p>regulatory pressure to manage more of it's wastewater generated at vehicle/equipment wash facilities. The biggest problem, which is a Marine Corps wide problem, is the amount of hull (exterior) or bilge (interior) wastewater. MCAGCC generates an average of 224,000 pounds of hull waste annually that is either captured, containerized, and disposed of as a hazardous waste and/or is washed down the drain to the wastewater treatment plant. This hull generated wastewater adds significantly to the costs MCAGCC must pay annually to dispose of hazardous waste and creates a tremendous imbalance in the wastewater treatment process, potentially causing discharge standards to be violated.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The primary impact of this project is on mission accomplishment. It will continue to be difficult and costly for MCAGCC to operate the existing facilities in support of its training mission without the required treatment processes in place. Retrofitting is impractical and cost prohibitive. The useful life of the equipment which must be cleaned will be greatly decreased due to inadequate 1st echelon maintenance if sufficient time for repairs is not allowed or necessary repairs are not properly identified. Funds will continue to be wasted on overtime manhours to perform the extended 1st echelon maintenance on improperly cleaned equipment. MCAGCC can no longer afford the direct cost of disposal, the indirect management cost of containerizing and the cost and impact associated with the continued discharge to the wastewater treatment plant.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 06/02</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title VEHICLE WASH STATION		7. Project Number 609
<p>(...continued)</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 161</p> <p>(C) Total..... 161</p> <p>(D) Contract..... 54</p> <p>(E) In-House..... 107</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 06/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR WILLIAM BENNETT Phone No: (706)-830-6654</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA			4. Project Title AMMUNITION STORAGE FACILITY		
5. Program Element 0206496M	6. Category Code 421.52	7. Project Number 683	8. Project Cost 9,540		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AMMUNITION STORAGE FACILITY (157,379 SF)	m2	14,621	-	6,710	
SMOKELESS POWDER MAGAZINE (21,689 SF)	m2	2,015	2,084	(4,200)	
HIGH EXPLOSIVE MAGAZINE (5,425 SF)	m2	504	2,333	(1,180)	
BATTERY RECHARGING SHOP (269 SF)	m2	25	1,605	(40)	
HARD STAND (129,996 SF)	m2	12,077	56	(680)	
TECHNICAL OPERATING MANUALS	LS	-	-	(40)	
LOADING DOCKS	LS	-	-	(420)	
BUILT-IN EQUIPMENT	LS	-	-	(150)	
SUPPORTING FACILITIES	LS	-	-	1,570	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(150)	
ELECTRICAL UTILITIES	LS	-	-	(150)	
MECHANICAL UTILITIES	LS	-	-	(50)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,180)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)	

SUBTOTAL	-	-	-	8,280	
Contingency (5.0%)	-	-	-	410	

TOTAL CONTRACT COST	-	-	-	8,690	
Supervision Inspection & Overhead (6.0%)	-	-	-	520	

SUBTOTAL	-	-	-	9,210	
DESIGN BUILD - DESIGN COST	LS	-	-	330	

TOTAL REQUEST	-	-	-	9,540	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct five each, Box Type "E" steel reinforced concrete structures on concrete spread footings, earth covered, ammunition storage structures with loading/unloading docks; and one pre-engineered metal building on concrete slab on grade and footing. Work also includes site preparation, perimeter fencing and lighting, lightning arrestors, asphaltic concrete paved hard stands, asphaltic concrete paved roads/parking, technical operating manuals, and installation of intrusion detection system.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title AMMUNITION STORAGE FACILITY		7. Project Number 683

(...continued)

11. Requirement: 14,621 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Provides additional ammunition storage facilities aboard the Marine Air-Ground Task Force Training Center (MAGTFTC) that will be adequate, secured and protected for ammunitions used in combined arms training exercises. (Current mission)

REQUIREMENT:

Adequate, secured and protected storage is required for ammunitions used in the combined arms training exercises conducted at the training center.

CURRENT SITUATION:

The present facilities are adequate in condition and are storing 90 percent of their capacity. However, as a result of an inspection conducted by Naval Ordnance Center (NAVORDCEN) during 1999, the access road (Phillips Road) from MAGTFTC to the expeditionary air field was designated as a public traffic route. The Explosive Safety Quantity Distance radius arcs of the existing magazines extend far across this public traffic route. Therefore, in accordance with NAVORDCEN Instructions, the magazine loading was reduced in order to shorten the arc and increase public safety. This action reduced existing facilities to approximately 45 percent of required capacity. The operational tempo of training aboard the MAGTFTC requires additional storage capacity to support the mission.

IMPACT IF NOT PROVIDED:

Failure to provide the project will result in the following: (1) Increased ammunition deliveries, with an additional cost for partial loads; (2) increased public exposure/risk to explosive transport incidents; (3) reduced net explosive weight that will restrict the Center Magazine Area's ability to support training exercises; (4) severe degradation of the ability of the Center Magazine Area to support major operating forces exercises (DESFIREX, STEEL KNIGHT, etc..); (5) increase in the cost of Major Exercises since the Center Magazine Area cannot store the quantity of ammunition required; (6) closure of Del Valle/Phillips Road; (7) requirement to request a waiver to employ outside storage of ammunitions; and (8) requirement to construct a new access route to the expeditionary air field.

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title AMMUNITION STORAGE FACILITY		7. Project Number 683
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 497</p> <p>(B) All Other Design Costs..... 166</p> <p>(C) Total..... 663</p> <p>(D) Contract..... 414</p> <p>(E) In-House..... 249</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 08/02</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR WILLIAM BENNETT Phone No: (706)-830-6654</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA			4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0805796M	6. Category Code 721.24	7. Project Number 685	8. Project Cost 29,675		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS (249,400 SF)	m2	23,170	-	22,530	
BACHELOR ENLISTED QUARTERS (87,834 SF)	m2	8,160	2,018	(16,470)	
PARKING GARAGE (161,566 SF)	m2	15,010	381	(5,720)	
BUILT IN EQUIPMENT	LS	-	-	(110)	
INFORMATION SYSTEMS	LS	-	-	(90)	
TECHNICAL OPERATING MANUALS	LS	-	-	(140)	
SUPPORTING FACILITIES	LS	-	-	3,210	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(640)	
ELECTRICAL UTILITIES	LS	-	-	(300)	
MECHANICAL UTILITIES	LS	-	-	(860)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(860)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(400)	
DEMOLITION	LS	-	-	(150)	

SUBTOTAL	-	-	-	25,740	
Contingency (5.0%)	-	-	-	1,290	

TOTAL CONTRACT COST	-	-	-	27,030	
Supervision Inspection & Overhead (6.0%)	-	-	-	1,615	

SUBTOTAL	-	-	-	28,645	
DESIGN BUILD DESIGN COSTS	LS	-	-	1,030	

TOTAL REQUEST	-	-	-	29,675	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	2,080	
10. Description of Proposed Construction					
<p>Construct a multi-story reinforced concrete masonry Bachelor Enlisted Quarters (BEQ) building with seismic upgrades, concrete foundation and floors, and standing seam metal roofing, providing 192 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community, and service core areas consist of laundry facilities, lounges, administrative offices, multi-purpose rooms, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 685
<p>(...continued)</p> <p>site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and Cable Television (CATV)). Construct a multi-level parking garage with seismic upgrades, reinforced concrete foundation and floors, and concrete masonry unit columns and walls. Paving and site improvements include, sidewalks, outdoor recreation facilities/courts, roadways access, earthwork, grading and landscaping. Also includes technical operating manuals, Anti-Terrorism/Force Protection features, and demolition of an equivalent amount of inadequate BEQ space including necessary asbestos and lead removal.</p> <p>Rooms: 192 two person rooms. Maximum utilization: 384 E1-E3. Intended Grade Mix: 384 E1-E3. Total: 384 persons.</p>		
<p>11. Requirement: <u>7.703 PN</u> Adequate: <u>2.832 PN</u> Substandard: <u>2.126 PN</u></p> <p>PROJECT:</p> <p>Provides 384 living spaces for bachelor enlisted personnel using the 2x0 Quality of Life (QOL) standard room design for permanent party enlisted personnel and a parking garage for bachelor enlisted personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is needed to provide adequate billeting and a centrally located BEQ parking garage for enlisted personnel at MAGTF-TC Twentynine Palms to make up for a deficiency of BEQ billeting and associated vehicle parking space. This project also supports the Commandant of the Marine Corps' goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Current billeting requirements have exceeded maximum available capacity. The 1953 buildings to be replaced are 3x2x1 room configured buildings that were modified from open-bay barracks that retain the gang head and shower configuration. Currently three to four bachelor enlisted personnel bunk together in a 3x2x1 room. This overcrowding is a detriment to the quality of life. These buildings were constructed in the 1950's and are not in compliance with current life/safety/fire/seismic and quality of life standards and do not meet basic anti-terrorism/force protection standards of construction and set back from adjacent roadways and parking.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 685
<p>(...continued)</p> <p>Available horizontal space for parking is non-existent and requires vertical construction to satisfy minimum requirements for new BEQ construction.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, personnel will continue to be billeted in crowded conditions, inadequate and unsafe buildings. They will endure a lower quality of life to the detriment of morale and retention efforts. Furthermore, higher ranking personnel will continue to be billeted in town, thereby costing the Marine Corps precious Bachelor Allowance for Quarters funds. Loss of trained Marines continues to deplete the Marine Corps ranks of qualified personnel and operational dollars.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Most Recently Used: MCB CAMP PENDLETON</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 772</p> <p>(B) All Other Design Costs..... 257</p> <p>(C) Total..... 1029</p> <p>(D) Contract..... 257</p> <p>(E) In-House..... 772</p> <p>(4) Contract Award..... 06/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01												
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA														
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 685												
<p>(...continued)</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Furnishings</td> <td>OMMC</td> <td>2004</td> <td>2080</td> </tr> </tbody> </table> <p>Activity POC: LCDR WILLIAM BENNETT Phone No: (706)-830-6654</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Furnishings	OMMC	2004	2080
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
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Furnishings	OMMC	2004	2080											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA			4. Project Title ENLISTED DINING FACILITY		
5. Program Element 0206496M	6. Category Code 722.10	7. Project Number 557	8. Project Cost 11,930		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ENLISTED DINING FACILITY (31,000 SF)	m2	2,880	-	8,790	
ENLISTED DINING FACILITY (31,000 SF)	m2	2,880	2,951	(8,500)	
BUILT-IN EQUIPMENT	LS	-	-	(130)	
TECHNICAL OPERATING MANUALS	LS	-	-	(100)	
INFORMATION SYSTEMS	LS	-	-	(60)	
SUPPORTING FACILITIES	LS	-	-	1,560	
ELECTRICAL UTILITIES	LS	-	-	(110)	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(360)	
MECHANICAL UTILITIES	LS	-	-	(320)	
SITE PREPARATION/PAVING	LS	-	-	(350)	
DEMOLITION	LS	-	-	(250)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(170)	

SUBTOTAL	-	-	-	10,350	
Contingency (5.0%)	-	-	-	520	

TOTAL CONTRACT COST	-	-	-	10,870	
Supervision Inspection & Overhead (6.0%)	-	-	-	650	

SUBTOTAL	-	-	-	11,520	
DESIGN BUILD DESIGN COSTS	LS	-	-	410	

TOTAL REQUEST	-	-	-	11,930	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Proposed construction to consist of reinforced concrete masonry unit exterior, concrete floor slab/foundation. Interior finishes to be carpeting/vinyl composition tile, suspended acoustical/painted wallboard ceilings. Roof to be built up system with insulation on metal frame decking. Supporting facilities include security and fire protection systems, exterior site and building lighting, mechanical and electrical utility and telephone connections (the facility will be wired to the existing base Facilities Management System (FMS)), and demolition of two existing dining facilities. Constructs or improves access roads complete with pavement striping, directional signage, concrete sidewalks, curbs and gutters; underground storm drainage system; paved and lighted parking;</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title ENLISTED DINING FACILITY		7. Project Number 557
<p>(...continued)</p> <p>landscaping; underground utilities, and utility meters. Provisions shall be made for the installation of all built-in food preparation and serving equipment. The facility will be constructed in seismic zone four and will include anti-terrorism/force protection features.</p>		
<p>11. Requirement: <u>2,880 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Constructs a Battalion sized enlisted dining facility providing cafeteria-style dining of short-order and regular meals. (Current mission)</p> <p>REQUIREMENT:</p> <p>Project is required to provide adequate dining facilities for personnel at the Marine Corps Air Ground Combat Center (MCAGCC) and replaces two of the five existing dining facilities.</p> <p>CURRENT SITUATION:</p> <p>There are limited adequate enlisted dining facilities aboard MCAGCC. Five buildings (Bldgs 1400, 1420, 1610, 1630 and 1650) have been used for messing by enlisted personnel. Each facility is ideally located within one of the four bachelor enlisted quarters (BEQ) satellite clusters sites to serve each assigned company battalion during the various phases of their training missions. There is a 76 percent combined messhall utilization at MCAGCC, which serves approximately \$1.7 million meals annually. These figures are expected to increase due to downsizing operations at other Marine Corps facilities and the expansion of the training mission at MCAGCC. The existing facilities have severe problems with failed or failing plumbing, drainage and electrical lines. A Messhall Facility Improvement Program Study (MFIPS) conducted in 1990 revealed that in addition to existing maintenance problems, building's 1400 and 1420 lacked proper seismic, electrical and mechanical upgrades, increasing the severity of short/longterm maintenance problems. The study concluded that these buildings required complete replacement with properly configured buildings to provide an efficient, state of the art facility, with a pleasant environment and decor consistent with other Center locations.</p> <p>Building 1400, which had been used as a catch all messing facility between all areas, has already been closed. Building 1420, while still in use, is recommended for demolition along with Building 1400 upon completion of the new dining facility.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title ENLISTED DINING FACILITY		7. Project Number 557
<p>(...continued)</p> <p>The continued use of the existing inadequate facilities has a significant negative impact on messhall operations. This condition, in the long term, will further exacerbate the current shortage of maintenance funds available to meet critical training mission needs. These conditions will also adversely impact the participation rate and quality of life for our Marines and Sailors as the physical condition of the building, in perception or in fact, effects their confidence that they will receive a well prepared meal and be able to enjoy it in decent surroundings.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 311</p> <p>(B) All Other Design Costs..... 104</p> <p>(C) Total..... 415</p> <p>(D) Contract..... 104</p> <p>(E) In-House..... 311</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 10/04</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title ENLISTED DINING FACILITY		7. Project Number 557
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR WILLIAM BENNETT Phone No: (706)-830-6654</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA			4. Project Title SUPPORT INTEGRATION FACILITY	
5. Program Element 0206496M	6. Category Code 214.51	7. Project Number 497	8. Project Cost 8,760	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SUPPORT INTEGRATION FACILITY (24,542 SF)	m2	2,280	-	3,860
AUTOMOTIVE MAINTENANCE SHOP (10,796 SF)	m2	1,003	1,950	(1,960)
GENERAL WAREHOUSE (10,796 SF)	m2	1,003	1,033	(1,040)
ADMIN OFFICE (2,002 SF)	m2	186	2,310	(430)
ARMORY (947 SF)	m2	88	1,475	(130)
LOADING RAMP	LS	-	-	(110)
SOUND ATTENUATION-ADMIN SPACE	LS	-	-	(50)
BUILT IN EQUIPMENT	LS	-	-	(70)
INFORMATION SYSTEMS	LS	-	-	(30)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	3,740
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(380)
ELECTRICAL UTILITIES	LS	-	-	(840)
MECHANICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,720)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(480)
DEMOLITION	LS	-	-	(280)

SUBTOTAL	-	-	-	7,600
Contingency (5.0%)	-	-	-	380

TOTAL CONTRACT COST	-	-	-	7,980
Supervision Inspection & Overhead (6.0%)	-	-	-	480

SUBTOTAL	-	-	-	8,460
DESIGN BUILD - DESIGN COST	LS	-	-	300

TOTAL REQUEST	-	-	-	8,760
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a one story reinforced concrete masonry building with seismic upgrades, spread footing foundations, reinforced concrete slab and floors, steel truss and standing seam metal roofing for operations, maintenance and storage functions. Facilities include administrative, vehicle maintenance, armory, storage, loading ramps of various heights, sheltered maintenance pads and a Hazardous Materiel collection point. Electrical</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title SUPPORT INTEGRATION FACILITY		7. Project Number 497
<p>(...continued)</p> <p>systems include fire alarms, an intrusion detection system for the armory space, and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, local area network, and cable television). Paving and site improvements include exterior site and building lighting, paved parking, sidewalks, security fencing, earthwork, grading and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features, and necessary environmental mitigation. Demolish existing inadequate buildings including asbestos removal and lead based paint abatement. All facilities will be constructed to the requirements of seismic zone 4.</p>		
<p>11. Requirement: <u>2,280 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provide centralized Reserve Support Unit Operation and Mobilization Support facilities in the vicinity of the Exercise Support Base and provide organizational support to Reserve training units (Combat Service Support Group-1, 1st Tank Battalion, Exercise Support Division). Facilities consisting of administration, storage, vehicle maintenance, armory, and loading ramps. (Current mission)</p> <p>REQUIREMENT:</p> <p>The project is required to provide centralized Reserve support facilities in the vicinity of the Exercise Support Base and provide Organizational support to Reserve training units (Combat Service Support Group-1, 1st Tank Battalion, Exercise Support Division). New facilities will enhance efficiency, safety, and coordination between supported Reserve units/individuals and supporting MAGTF/TC staffs. Permanent administration, maintenance and storage facilities would be provided for the host Reserve Support Unit that is assigned to the Command Center, the Task Force Command's Individual Mobilization Augmentee (IMA) Detachment and Mobilization Training Unit (MTU), Marine Reserve Force (MARRESFOR) units conducting Inactive Duty Training (IDT) or Annual Training (AT), and MARRESFOR units and individuals activated/mobilized to the Combat Center in the event of war or national emergency. Facilities are required to support the RSU Exercise Support Staff and to stage and maintain Reserve equipment shipped to the Task Force Center to support Reserve Combined Arms Exercises (CAXs) and other training periods. Office space is required to support IMA Detachment training and facilities are required to execute personnel processing during mobilization. Additional space and new facilities are required to warehouse organic RSU supplies and supplies</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title SUPPORT INTEGRATION FACILITY		7. Project Number 497
<p>(...continued) shipped to support Reserve Training.</p> <p>CURRENT SITUATION:</p> <p>Currently, the RSU must operate from a hodge podge of inadequate facilities. The facilities consist of several inadequate administration and shared warehouses totaling 1148 M2. The administrative building is too small to accommodate the IMA Detachment, the RSU's Exercise Support Staff, and the administrative staffs of units training at the Combat Center. The RSU's warehouses are too small to accommodate on-hand materials; and do not adequately support additional supplies shipped to MAGTF in support of Reserve training. The RSU is forced to store tents in an inadequate warehouse where the tents are subject to dry-rotting. The vehicle maintenance facility (temporary and inadequate) is a 218 M2 building which offers nothing more than shelter from the inclement weather, has no ventilation, no insulation, and no exhaust system. The current equipment lots are inadequate to support over 9,000 items of Reserve equipment shipped to the Combat Center to support Reserve training. During loading/unloading and staging periods, equipment must cross streets, causing traffic and safety problems, and loading/unloading ramps are inadequate. Additionally, when equipment transits from the RSU to the Exercise Support Base it must travel the entire length of Mainside, and time in transit is lost. The IMA Detachment currently does not have facilities large enough to accommodate it. During mobilization, a Mobilization Processing Center must be established in the West Gym for which communications lines, offices, and processing stations must be established. Control of the mobilization process is therefore made more difficult for the RSU since it is not located near the processing site.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to provide the facilities will result in the continued degradation of the Reserve Support mission. The RSU will continue to stretch the capability of the Combat Center to support Reserves, their equipment storage, and transportation requirements. Mission degradation will result due to the inadequate facilities with which the RSU must conduct their mission. Safety will remain a problem during operations and the quality of Reserve training conducted aboard the Combat Center will continue to decline. The Combat Center's readiness to execute Station of Initial Assignment (SIA) responsibilities promptly and efficiently will be degraded.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67399 MARINE AIR GROUND TASK FORCE TRNG CMD TWENTYNINE PALMS, CALIFORNIA		
4. Project Title SUPPORT INTEGRATION FACILITY		7. Project Number 497
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 228</p> <p>(B) All Other Design Costs..... 76</p> <p>(C) Total..... 304</p> <p>(D) Contract..... 76</p> <p>(E) In-House..... 228</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR WILLIAM BENNETT Phone No: (706)-830-6654</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND						4. Command Chief of Naval Operations			5. Area Constr Cost Index 0.96	
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/30/01	87	729	33	0	0	0	9	15	0	873
b. End FY 2007	89	696	183	0	0	0	9	15	0	992
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (119.00)										
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 15,509.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 9,810.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 9,600.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 15,737.00										
h. GRAND TOTAL..... 50,656.00										
8. Projects Requested In This Program:										
Category						Cost	Design Status			
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>	
721.11	BACH ENLIST QTRS REPLACE (31,323 SF)					2,910 m2	9,810	12/99	03/02	

TOTAL							9,810			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
721.12	BEQ REPLACEMENT (F1686) (31,323 SF)					2,910 m2	9,600			

TOTAL							9,600			
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 6,100										
10. Mission Or Major Functions:										
<p>To administer the Naval Air Facility (NAF) Air Reserve Program as directed by Commanding Officer Naval Air Reserve Force (COMNAVRESFOR). To train all local reserve units for their mobilization assignments. To provide administrative coordination and logistic support of the Naval Air Reserve units of the local area. To provide logistic support of the Marine Aircraft Group 41 Detachment A and to perform all other functions as directed by the Chief of Naval Operations (CNO).</p>										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND		4. Command Chief of Naval Operations	5. Area Constr Cost Index 0.96
<p>(...continued)</p> <p>NAF is subject to the area coordination and authority of the Commandant, Naval District Washington.</p> <p>NAF Washington prepares and coordinates the mobilization plans for all assigned Selected Air Reserve Units and executes such plans as directed.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND			4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		
5. Program Element 0505196N	6. Category Code 721.11	7. Project Number 036	8. Project Cost 9,810		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS REPLACEMENT (42,625 SF)	m2	3,960	-	6,780	
BACHELOR ENLISTED QUARTERS (42,625 SF)	m2	3,960	1,548	(6,130)	
BUILT-IN EQUIPMENT	LS	-	-	(370)	
INFORMATION SYSTEMS	LS	-	-	(130)	
TECHNICAL OPERATING MANUALS	LS	-	-	(80)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)	
SUPPORTING FACILITIES	LS	-	-	1,760	
ELECTRICAL UTILITIES	LS	-	-	(280)	
MECHANICAL UTILITIES	LS	-	-	(340)	
PAVING AND SITE IMPROVEMENT	LS	-	-	(590)	
DEMOLITION	LS	-	-	(550)	

SUBTOTAL	-	-	-	8,540	
Contingency (5.0%)	-	-	-	430	

TOTAL CONTRACT COST	-	-	-	8,970	
Supervision Inspection & Overhead (6.0%)	-	-	-	540	

SUBTOTAL	-	-	-	9,510	
DESIGN-BUILD DESIGN COST	LS	-	-	300	

TOTAL REQUEST	-	-	-	9,810	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a three story barracks with load-bearing masonry walls with brick veneer, spread footings, concrete floor slabs, standing seam roof system, exterior entrances, utilities, fire protection system, individual controlled heating/air conditioning system, parking, landscaping, recreational areas, and technical operating manuals. Demolish Building 1687. The barracks will contain 60 "1+1" standard modules with two living/sleeping rooms, a shared semi-private bath, two closets and a small kitchenette; central lobby with administrative space; lounges; storage and mechanical/electrical spaces.</p> <p>Intended Grade Mix: 106 E1-E4 and 7 E5-E6</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 036
(...continued) Maximum Utilization: 120 E1-E4		
11. Requirement: <u>113 PN</u> Adequate: <u>0 PN</u> Substandard: <u>113 PN</u> PROJECT: Provides a Bachelor Enlisted Quarters. (Current mission) REQUIREMENT: Adequate berthing is required for junior enlisted personnel assigned to the Naval Air Facility. These personnel support key operational Navy requirements as members of reserve squadrons (VR-1, VR-48, VR-53, VAQ-209, MAG 49, MASD), an aviation maintenance facility and as trainers of the ready reserves. In addition, the enlisted force supports air transportation requirements for Chief of Naval Operations, Secretary of the Navy and the Commandant of the Marine Corps as well as other dignitaries. With the draw down of the active force, many of the active missions have shifted to the reserve squadrons. Operation tempo has increased significantly but support facilities remain inadequate. CURRENT SITUATION: The existing facility was built in 1961 and is beyond its economical life. The building does not meet handicap accessibility standards. The building does not have a fire sprinkler system. Lack of control of heat and air conditioning in the spaces results in uncomfortable living conditions. The building has inadequate ventilation due to the fact that windows and fresh air makeup have been blocked to reduce noise and cold air infiltration. Because over fifty percent of the windows are inoperable, many residents cannot even open windows as a last resort method of controlling excessive heat or cooling to their spaces. Additionally, the heating, ventilation, and air conditioning system is well beyond its useful life and requires immediate replacement. The plumbing is badly corroded and requires continual maintenance. Noise attenuation is poor, causing problems for night workers who need to sleep during daylight hours. Interior spaces are dim due to replacement of window spaces with metal panels. At present, personnel double up in undersized rooms (204 square feet). Storage is inadequate. The facility contains gang heads and showers which do not meet current standards for this grade level. No kitchen facilities are available. These problems result in unhealthy living conditions and poor morale. Air Force facilities next to Navy buildings have been upgraded to 1+1 standards. Morale among Navy personnel is poor due to the great disparity		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 036
<p>(...continued)</p> <p>in living facilities between the two services. The Navy barracks are the poorest looking facilities on the base; exterior architecture is not in keeping with the base master plan. The Washington metropolitan area has an extremely high cost of living, and adequate quarters within reasonable commuting distance are not available. No other facilities exist in the commuting area. No other site or alternative is available to the Command.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Enlisted personnel will continue to live in unsafe, deteriorating conditions that don't meet life/safety codes or building codes. Inadequate living conditions will continue to adversely affect the morale of all the BEQ residents, significantly reducing the operational ability of personnel to support the Command's mission.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 03/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 60%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 225</p> <p>(C) Total..... 225</p> <p>(D) Contract..... 75</p> <p>(E) In-House..... 150</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00166 NAVAL AIR FACILITY WASHINGTON ANDREWS AIR FORCE BASE, MARYLAND		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 036
<p>(...continued)</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 12/01</p> <p>(6) Construction Completion..... 04/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 2900</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 1960</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 15600</p> <p>Activity POC: LT MARK STEIN Phone No: 240-857-3867</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																							
3. Installation and Location/UIC: N00213 NAVAL AIR STATION KEY WEST FLORIDA						4. Command Commander in Chief Atlantic Fleet			5. Area Constr Cost Index 1.1																					
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	171	1,008	404	0	0	0	206	748	0	2,537																				
	168	1,114	461	0	0	0	206	748	0	2,697																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (5,877.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 156,073.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 3,730.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 11,400.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																														
g. REMAINING DEFICIENCY..... 32,305.00																														
h. GRAND TOTAL..... 203,508.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>141.40</td> <td>AIR TRAFFIC CTL/OPS BLDG (19,171 SF)</td> <td>1,781 m2</td> <td>12/99 10/02</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>11,400</td> <td></td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	141.40	AIR TRAFFIC CTL/OPS BLDG (19,171 SF)	1,781 m2	12/99 10/02			-----		TOTAL		11,400	
Category		Cost	Design Status																											
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																											
141.40	AIR TRAFFIC CTL/OPS BLDG (19,171 SF)	1,781 m2	12/99 10/02																											

TOTAL		11,400																												
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
None																														
b. Major Planned Next Three Years:																														
None																														
c. Real Property Maintenance Backlog (\$000): \$ 0																														
10. Mission Or Major Functions:																														
<p>Maintains and operates an air station to support training of flight crews using tactical aircraft and conducting training exercises in the Caribbean Sea and in the Gulf. Major units supported include: Two aircraft squadrons (30 aircraft), Coast Guard Units, Naval Intelligence and Security Detachments Air Force, Air Defense Units U. S. Forces Caribbean, Medical Clinic, and Joint Task Force 4</p>																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00213 NAVAL AIR STATION KEY WEST, FLORIDA			4. Project Title OPERATIONS BUILDING/CONTROL TOWER		
5. Program Element 0204696N	6. Category Code 141.70	7. Project Number 679	8. Project Cost 11,400		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
OPERATIONS BUILDING/CONTROL TOWER (18,568 SF)	m2	1,725	-	6,460	
OPERATIONS BUILDING (12,637 SF)	m2	1,174	1,774	(2,080)	
PASSENGER TERMINAL (1,938 SF)	m2	180	2,998	(540)	
CONTROL TOWER (3,993 SF)	m2	371	7,174	(2,660)	
TECHNICAL OPERATING MANUALS	LS	-	-	(70)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,090)	
INFORMATION SYSTEMS	LS	-	-	(20)	
SUPPORTING FACILITIES	LS	-	-	3,430	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(560)	
ELECTRICAL UTILITIES	LS	-	-	(600)	
MECHANICAL UTILITIES	LS	-	-	(440)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(980)	
DEMOLITION	LS	-	-	(300)	
RELOCATE EQUIPMENT	LS	-	-	(300)	
ANTI-TERRORISM/FORCE PROTECTION FOR THE SITE	LS	-	-	(250)	

SUBTOTAL	-	-	-	9,890	
Contingency (5.0%)	-	-	-	490	

TOTAL CONTRACT COST	-	-	-	10,380	
Supervision Inspection & Overhead (6.0%)	-	-	-	620	

SUBTOTAL	-	-	-	11,000	
DESIGN BUILD DESIGN COST	LS	-	-	400	

TOTAL REQUEST	-	-	-	11,400	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Aviation Control Tower: Separate seven-story steel frame building, uninterruptible power system with back-up generator, built-up modified bitumen roof, and auger pile foundation; fire protection system, information technology, elevator, utilities, paving, and mechanical heating, ventilation, and air conditioning; beacon tower; ground electronics spaces; antiterrorism/force protection features.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00213 NAVAL AIR STATION KEY WEST, FLORIDA		
4. Project Title OPERATIONS BUILDING/CONTROL TOWER		7. Project Number 679
<p>(...continued)</p> <p>Operations Building/Passenger Terminal: two-story masonry block building, concrete foundation and structural floor, built-up roof on insulated metal decking and steel truss, elevator, fire protection system; information systems, emergency generator, utilities and mechanical heating, ventilating and air conditioning systems; air passenger processing, waiting area, admin space, flight planning, communications, weather services; fleet liaison transient line; and ground electronics. The project will demolish the existing operations/terminal/control tower building (Bldg. A-244), approximately 1,502 m2, will provide for airfield pavement in place of the demolished building for aircraft parking, and will relocate some existing air traffic control equipment.</p>		
<p>11. Requirement: <u>1,725 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new control tower, airfield operations facility, and air passenger terminal. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and efficiently configured facilities are required to provide a separately located control tower, and consolidated operations building and air passenger terminal to support the mission of the Naval Air Station, Key West, FL. NAS Key West supports training of naval aviators for transient tactical aviation squadrons throughout the Navy. The mission is to maintain and operate facilities and provide services and materials to support operations of aviation activities and units of the operating forces of the Navy and other such activities and units as designated by the Chief of Naval Operations. The Key West location for training is vital due to the ready access to unrestricted air space for training and superior weather conditions. No other naval facility offers the unique training conditions that are available at NAS Key West. The demand for the Air Station's facilities is significant. During Calendar Year 1999, a total of 169 Detachments, consisting of 3,509 officers and 7,165 enlisted personnel, and 700 aircraft trained at NAS Key West. Total operations (an operation is defined as a takeoff or a landing or a low pass) numbered 55,840 including 49,539 Navy/Marine, 6,036 other military and 265 civil aviation.</p> <p>CURRENT SITUATION:</p> <p>The existing 1950's vintage operations building and its connected control tower are suffering from severe obsolescence and structural deterioration due to spalling concrete with deteriorated reinforcing bar. They are not</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00213 NAVAL AIR STATION KEY WEST, FLORIDA		
4. Project Title OPERATIONS BUILDING/CONTROL TOWER		7. Project Number 679
<p>(...continued)</p> <p>designed to meet current hurricane resistance criteria. Extensive temporary repairs have been made over the last two years to postpone condemnation until this project can be completed. Spalling concrete continues to present a safety hazard to personnel using the facility. Many repairs are cosmetic in nature due to Quality of Life (QOL) considerations. The current Air Traffic Control Tower spacing arrangement is not adequate to house modern aviation control equipment arriving in FY 2003 and does not provide adequate line-of-sight to runways, which is an operational and safety hazard. Finally and most importantly, the existing control tower is located in violation of Airfield Safety Criteria. It is located at the edge of the primary surface of the runway and pierces the 7:1 transitional surface. Currently the facility is operating under a waiver granted by Naval Air Systems Command.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project temporary emergency repairs will continue to be required on the existing building that houses Operations and the Air Terminal. New modern aviation control equipment will not fit in the existing tower which cannot be enlarged to satisfy equipment requirement. NAS Key West will continue to depend on old and antiquated aviation control equipment which will jeopardize Navy's air operations at NAS Key West. Safety will continue to be compromised due to inadequate line-of-sight visibility for taxiing aircraft. The airfield safety obstruction violations will not be corrected and, NAS Key West will continue to require a waiver to operate.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 08/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00213 NAVAL AIR STATION KEY WEST, FLORIDA		
4. Project Title OPERATIONS BUILDING/CONTROL TOWER		7. Project Number 679
<p>(...continued)</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 298</p> <p>(B) All Other Design Costs..... 99</p> <p>(C) Total..... 397</p> <p>(D) Contract..... 99</p> <p>(E) In-House..... 298</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 08/02</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR ELVIN NUNES Phone No: 305 293-2304</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																							
3. Installation and Location/UIC: N60201 NAVAL STATION MAYPORT, FLORIDA						4. Command Commander in Chief Atlantic Fleet			5. Area Constr Cost Index 0.93																					
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	1,081	9,969	545	0	0	0	254	2,250	0	14,099																				
	1,056	10,187	580	0	0	0	300	2,075	0	14,198																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (3,574.00) b. INVENTORY TOTAL AS OF 23 Apr 2001..... 255,082.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 41,651.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 16,420.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00 g. REMAINING DEFICIENCY..... 248,337.00 h. GRAND TOTAL..... 561,490.00																														
8. Projects Requested In This Program: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <td><u>Code</u></td> <td></td> <td></td> <td></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>721.11</td> <td>BEQ SHIPBD SAILORS ASHORE (85,250 SF)</td> <td>7,920 m2</td> <td style="text-align: right;">16,420</td> <td>12/99 10/02</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">16,420</td> <td></td> </tr> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>				<u>Start</u> <u>Complete</u>	721.11	BEQ SHIPBD SAILORS ASHORE (85,250 SF)	7,920 m2	16,420	12/99 10/02	TOTAL			16,420	
Category	Project Title	Scope	Cost (\$000)	Design Status																										
<u>Code</u>				<u>Start</u> <u>Complete</u>																										
721.11	BEQ SHIPBD SAILORS ASHORE (85,250 SF)	7,920 m2	16,420	12/99 10/02																										
TOTAL			16,420																											
9. Future Projects: a. Included In The Following Program (FY 2003): None b. Major Planned Next Three Years: None c. Real Property Maintenance Backlog (\$000): \$ 0																														
10. Mission Or Major Functions: Mayport is homeport for five LAMPS MK III Helicopter Squadrons (SH 60-B Helicopter) and one LAMPS MK I Helicopter Squadron. Major units homeported at Mayport include two aircraft carriers; 28 cruisers, destroyers and frigates; one destroyer tender; three reserve ships; SIMA; and a fleet training center.																														
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N60201 NAVAL STATION MAYPORT, FLORIDA			4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 772	8. Project Cost 16,420		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS (92,354 SF)	m2	8,580	-	12,830	
BACHELOR ENLISTED QUARTERS (E1-E4) (92,354 SF)	m2	8,580	1,382	(11,860)	
TELECOMMUNICATIONS	LS	-	-	(180)	
BUILT-IN EQUIPMENT	LS	-	-	(230)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(400)	
TECHNICAL OPERATING MANUALS	LS	-	-	(160)	
SUPPORTING FACILITIES	LS	-	-	1,410	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(60)	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(340)	
OUTSIDE COMMUNICATION LINES	LS	-	-	(10)	
ELECTRICAL UTILITIES	LS	-	-	(100)	
MECHANICAL UTILITIES	LS	-	-	(20)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(880)	

SUBTOTAL	-	-	-	14,240	
Contingency (5.0%)	-	-	-	710	

TOTAL CONTRACT COST	-	-	-	14,950	
Supervision Inspection & Overhead (6.0%)	-	-	-	900	

SUBTOTAL	-	-	-	15,850	
DESIGN BUILD DESIGN COST	LS	-	-	570	

TOTAL REQUEST	-	-	-	16,420	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Four story, concrete frame and foundation, metal stud partition walls, standing seam metal roof; 260 room, "1+1" style BEQ, comprised of 130 modules, each module containing two completely independent sleeping rooms, two walk-in closets, a service area, and a bath to be shared by two persons; administrative area, laundry facilities, lounges, vending area, game room, and individual storage areas with lockers; elevator, fire alarm and automatic sprinkler systems, heating, ventilation and air conditioning, cabling systems for voice, data, and cable TV hookups in all sleeping rooms; and supporting facilities to include parking and</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60201 NAVAL STATION MAYPORT, FLORIDA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 772
<p>(...continued)</p> <p>utilities. The project will provide anti-terrorism/force protection/physical security including blast-hardened construction for exterior walls, roof, windows, and doors.</p> <p>Intended Grade Mix: 260 E1-E4 Maximum Utilization: 260 E1-E4</p>		
<p>11. Requirement: <u>260 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>The project constructs a new bachelor enlisted quarters for deployable personnel assigned to Naval Station Mayport homeported ships. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate bachelor housing facilities are required to accommodate sailors ashore when in homeport. Naval Station Mayport is homeport to the USS Kennedy aircraft carrier and a mix of frigates, destroyers, and cruisers. This requires bachelor housing facilities to accommodate projected, deployable and shore-based permanent party personnel.</p> <p>CURRENT SITUATION:</p> <p>Naval Station Mayport assets include six Bachelor Housing buildings that can be designated as Bachelor Quarters for permanent party assignment of E1-E3 and E4's with less than four years. Four of these six buildings were renovated during the late 1990's. The first of the remaining two buildings is currently under renovation and will be completed in the first quarter of FY2002. The second has been funded for renovations which will be completed in the second quarter of FY2003. Upon completion of all renovations, the resultant situation will be adequate space for 620 permanent party personnel with paygrades of E1-E3 and E4's with less than 4 years. There are no other bachelor housing facilities on base which can be modified to meet the net sleeping area and closet space requirements for E1-E4 personnel.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, Naval Station Mayport will not be able to house the number of permanent party, enlisted personnel that require bachelor housing in compliance with Chief of Naval Operations direction to house all shipboard sailors ashore while in their homeport.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60201 NAVAL STATION MAYPORT, FLORIDA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 772

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started..... 12/99

(B) Date Design 35% Complete..... 08/02

(C) Date Design Complete..... 10/02

(D) Percent Complete As Of September 2000..... 2%

(E) Percent Complete As Of January 2001..... 2%

(F) Type of Design Contract..... Design Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 427

(B) All Other Design Costs..... 142

(C) Total..... 569

(D) Contract..... 142

(E) In-House..... 427

(4) Contract Award..... 06/02

(5) Construction Start..... 07/02

(6) Construction Completion..... 10/04

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 683

D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 662

E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 1542

Activity POC: MIKE MCVANN Phone No: 904-270-5207

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																								
3. Installation and Location/UIC: N60508 NAVAL AIR STATION WHITING FIELD MILTON FLORIDA				4. Command Chief of Naval Education and Training		5. Area Constr Cost Index 0.82																								
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	980	334	1,184	0	0	0	137	120	0	2,755																				
	1,028	310	1,172	0	0	0	745	197	0	3,452																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (11,577.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 91,885.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 9,880.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 2,140.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 3,320.00 g. REMAINING DEFICIENCY..... 0.00 h. GRAND TOTAL..... 107,225.00																														
8. Projects Requested In This Program: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> </thead> <tbody> <tr> <td>136.10</td> <td>AIRFIELD APPROACH LIGHTING (9,838 SF)</td> <td>914 m2</td> <td style="text-align: right;">2,140</td> <td>12/99 05/02</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">2,140</td> <td></td> </tr> </tbody> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	136.10	AIRFIELD APPROACH LIGHTING (9,838 SF)	914 m2	2,140	12/99 05/02	TOTAL			2,140	
Category	Project Title	Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
136.10	AIRFIELD APPROACH LIGHTING (9,838 SF)	914 m2	2,140	12/99 05/02																										
TOTAL			2,140																											
9. Future Projects: a. Included In The Following Program (FY 2003): None b. Major Planned Next Three Years: <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 15%;">911.10</td> <td style="width: 45%;">CLEAR ZONE ACQ (OLF BARIN)</td> <td style="width: 15%;">77 AC</td> <td style="width: 15%; text-align: right;">3,320</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">3,320</td> <td></td> </tr> </tbody> </table>											911.10	CLEAR ZONE ACQ (OLF BARIN)	77 AC	3,320		TOTAL			3,320											
911.10	CLEAR ZONE ACQ (OLF BARIN)	77 AC	3,320																											
TOTAL			3,320																											
c. Real Property Maintenance Backlog (\$000): \$ 13,923																														
10. Mission Or Major Functions: To maintain and operate facilities and provide services and material to support operations of aviation activities and units of the Naval Air Training Command and other activities and units as designated by the Chief of Naval Operations. The Joint Primary Aircraft Training System (JPATS) T-6A Texas II aircraft will begin replacing the T-34C as the primary and intermediate trainer aircraft in 2002.																														
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N60508 NAVAL AIR STATION WHITING FIELD MILTON, FLORIDA			4. Project Title AIRFIELD APPROACH LIGHTING		
5. Program Element 0805796N	6. Category Code 136.10	7. Project Number 223	8. Project Cost 2,140		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIRFIELD APPROACH LIGHTING	LS	-	-	1,440	
APPROACH LIGHTS (2,999 LF)	m	914	930	(850)	
LIGHTING VAULT (1,281 SF)	m2	119	2,185	(260)	
DUCT SYSTEM (4,600 LF)	m	1,402	107	(150)	
TOWER/THRESHOLD LIGHTING MODIFICATIONS	LS	-	-	(180)	
SUPPORTING FACILITIES	LS	-	-	480	
ELECTRICAL UTILITIES	LS	-	-	(100)	
SITE IMPROVEMENTS	LS	-	-	(200)	
SECURITY FENCING	LS	-	-	(100)	
PAVING AND ROAD WORK	LS	-	-	(80)	

SUBTOTAL	-	-	-	1,920	
Contingency (5.0%)	-	-	-	100	

TOTAL CONTRACT COST	-	-	-	2,020	
Supervision Inspection & Overhead (6.0%)	-	-	-	120	

TOTAL REQUEST	-	-	-	2,140	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Approach lights, threshold lights, one story block building to house transformer, regulators, emergency generator, electrical equipment, electrical utilities, access road, fencing, tower control panels, and site improvements.</p>					
11. Requirement: <u>0LS</u> Adequate: <u>0LS</u> Substandard: <u>0LS</u>					
PROJECT:					
Provide a Category 1 Approach Lighting Sequence Flashers (ALSF-1) Precision Approach Lighting System (PALS) for Runway (R/W) 32 South Field. (New mission)					
REQUIREMENT:					
Adequate approach lighting is required for Runway 32 at South Field to enhance flight safety in the primary pilot training atmosphere.					
NAS Whiting Field's (NASWF) mission is to provide primary fixed wing and					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60508 NAVAL AIR STATION WHITING FIELD MILTON, FLORIDA		
4. Project Title AIRFIELD APPROACH LIGHTING		7. Project Number 223
<p>(...continued)</p> <p>helicopter training to student aviators. NASWF trained 682 primary aviators and 516 helicopter aviators in FY 98. In doing so, over 80,000 operations (landings and takeoffs) were conducted at South Field.</p> <p>The T-6A has been selected as the Joint Primary Aircraft Training System (JPATS) aircraft. The first T-6A will arrive at NASWF in November 2002 and will commence instructor training soon after arrival. Student training will commence in June 2003. The T-6A will gradually replace the T-34C during the period FY2003 to FY2009. This aircraft does not have Tactical Air Navigation (TACAN) and will rely on the instrument Landing System (ILS) and Precision Approach Radar (PAR) System. Additionally, the T-6A requires a full-length runway (over 4000 feet) and has a reduced sortie time. These factors account for an anticipated 40 percent increase in sorties at North Field and a 25 percent increase in sorties at South Field.</p> <p>The increase in flight operations for JPATS and the lack of TACAN in this aircraft make PALS a critical aid to supplement the ILS and PAR which are installed on this runway. The PALS is required to enhance the pilots ability to safely acquire the runway during periods of reduced visibility and to curtail divers (estimated 270 divers per year) to other military and/or commercial airports (nearest approximately 40 miles). Additionally, approach lighting enhances the availability of aircraft and instructors (due to reduced diversions) and provides for divers from other airfields (as needed).</p> <p>CURRENT SITUATION:</p> <p>Currently, NAS Whiting Field has T-34C operations at North Field conducting split field operations. This means aircraft are taking off and landing on the same runway during visual conditions, thus facilitating up to twice as many operations in the same period of time. The full-length runway requirement of the T-6A will not allow split field operations. Runway 14 at North Field currently has approach lighting but does not have ILS or PAR, and, therefore, it cannot be utilized for low visibility recovery of the T-6A aircraft. South Field has no approach lighting systems. South field is currently used for helicopter training and T-34C instrument recovery.</p> <p>Under low visibility and instrument conditions, approach lighting is critical to acquiring the airfield when coming in for an approach to land. The T-6A will not have a TACAN and will be relying on the ILS and PAR for landing during instrument conditions. Approaches like the ILS and PAR</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60508 NAVAL AIR STATION WHITING FIELD MILTON, FLORIDA		
4. Project Title AIRFIELD APPROACH LIGHTING		7. Project Number 223
<p>(...continued)</p> <p>have a decision point where the pilot must decide to land if he has the runway environment in sight or wave off. When the aircraft approaches this point it is critical that the pilot can visually acquire the runway environment to land safely. Approach lighting with strobe lights is a critical aid at this point during periods of reduced visibility such as haze or rain. Due to this, approach lights at South field are required to support JPATS.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Flight safety, Mission readiness, and protection of government property (a T-34C aircraft is valued at approximately \$1.3 million and a T-6A is valued at approximately \$4 million) could be jeopardized. Non-availability of diverted aircraft and instructors will continue to impair maintenance and result in a loss of training. With JPATS accounting for a 40 percent increase in sorties at North Field and a 25 percent increase in sorties at South Field, and an expected increase in the Pilot Training Rate (PTR) of 19 percent over FY1998, these problems will be greatly magnified.</p> <p>The T-6A will not be able to use North Field under low visibility and instrument conditions since it is not equipped with TACAN. Instrument approaches to South Field utilizing ILS and PAR without PALS presents an unacceptable safety risk during periods of low visibility. Approach lighting is necessary to visually acquire the airfield and is a critical aid to supplement the ILS and PAR on this runway.</p> <p>Based on current operational data, an estimated 15,000 aircraft will utilize this runway for instrument approaches annually. Of these approaches, approximately 3 percent will be diverted to other airports, resulting in over 1,800 hours of lost training and over 2,700 hours of aircraft unavailability.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60508 NAVAL AIR STATION WHITING FIELD MILTON, FLORIDA		
4. Project Title AIRFIELD APPROACH LIGHTING		7. Project Number 223
<p>(...continued)</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 115</p> <p>(B) All Other Design Costs..... 38</p> <p>(C) Total..... 153</p> <p>(D) Contract..... 96</p> <p>(E) In-House..... 57</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR PAUL ODENTHAL Phone No: 850-623-7268</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII				4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.57			
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/30/01	383	241	126	0	0	0	95	168	158	1,171
b. End FY 2007	379	225	123	0	0	0	95	168	158	1,148
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (0.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 0.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 51,470.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 37,580.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 30,400.00										
h. GRAND TOTAL..... 119,450.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
610.10	CINCPAC HDQTRS (INCR III) (271,993 SF)					25,269 m2	37,580	05/98	01/01	
TOTAL							37,580			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 61,390										
10. Mission Or Major Functions:										
<p>Ready today and preparing for tomorrow, the U.S. Pacific Command enhances security and promotes peaceful development in the Asia-Pacific region by deterring aggression, responding to crises and fighting to win. CINCPACCOM supports and advances the national policies and interests of the United States in the Pacific while preparing plans, conducting operations, and coordinating activities of the Pacific Command forces. USCINCPAC is a joint command that is responsible for over 50 percent of the earth's surface including 40 countries, 20 territories and possessions, and 10 U.S. territories.</p> <p>SOCAP, as a USCINCPAC subordinate unified command, conducts joint/combined</p>										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.57
<p>(...continued)</p> <p>special operations and exercises operational control over those in-theater and apportioned Special Operations Forces assigned by USCINCPAC.</p> <p>NOTE: Block 6 Personnel Strength numbers are also included in host activity personnel strength.</p> <p>NOTE: Real Property Maintenance Backlog includes all of Marine Corps Base Hawaii.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII			4. Project Title CINCPAC HEADQUARTERS (INCREMENT III)	
5. Program Element 0201498N	6. Category Code 610.10	7. Project Number 112B	8. Project Cost Auth 3,000 Appr 37,580 Auth for Appr 37,580	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
CINCPAC HEADQUARTERS (271,993 SF)	M2	25,269	-	65,880
ADMIN OFFICE (202,900 SF)	M2	18,850	1,736	(32,720)
OPCON CENTER (30,397 SF)	M2	2,824	2,814	(7,950)
TELECOM CENTER (17,201 SF)	M2	1,598	5,294	(8,460)
STORAGE (8,999 SF)	M2	836	1,219	(1,020)
OFFICERS' MESS (3,595 SF)	M2	334	3,830	(1,280)
ELECTRONICS/COMM MAINTENANCE SHOP (3,003 SF)	M2	279	2,167	(600)
TRAINING ROOM (495 SF)	M2	46	2,131	(100)
CAFETERIA (5,403 SF)	M2	502	1,667	(840)
BUILT-IN EQUIPMENT	LS	-	-	(3,180)
INFORMATION SYSTEMS	LS	-	-	(3,680)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(3,870)
ANTENNA RELOCATION	LS	-	-	(1,290)
TECHNICAL OPERATING MANUALS	LS	-	-	(890)
SUPPORTING FACILITIES	LS	-	-	13,760
SPECIAL FOUNDATION FEATURES	LS	-	-	(1,510)
ELECTRICAL UTILITIES	LS	-	-	(4,440)
MECHANICAL UTILITIES	LS	-	-	(640)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(6,750)
DEMOLITION	LS	-	-	(420)

SUBTOTAL	-	-	-	79,640
Contingency (5.0%)	-	-	-	3,980

TOTAL CONTRACT COST	-	-	-	83,620
Supervision Inspection & Overhead (6.5%)	-	-	-	5,430

SUBTOTAL	-	-	-	89,050
LESS INCR I CONSTRUCTION COST (FY00)	LS	-	-	-12,750
LESS INCR II CONSTRUCTION COST (FY01)	LS	-	-	-35,600
LESS INCR I DESIGN/BUILD DESIGN COST (FY 00)	LS	-	-	-3,120

TOTAL REQUEST	-	-	-	37,580
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	25,000

(Continued On DD 1391C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII		
4. Project Title CINCPAC HEADQUARTERS (INCREMENT III)		7. Project Number 112B
<p>(...continued)</p> <p>10. Description of Proposed Construction</p> <p>Six-story, reinforced concrete and structural steel building on concrete spread footing and prestressed concrete pile foundation (special foundation features); entrance canopy; administrative area (office/reception areas, file rooms, conference/briefing rooms, vaults, technical libraries, administrative storage areas); special administrative areas within Sensitive Compartmented Information Facilities (SCIFs) and Telecommunications Center; Operational Control Center (Command Center, Operations/Intelligence Briefing Room, Intelligence/Mission Planning areas); Telecommunications Center; training room; bulk storage areas; private dining room and food preparation area for hosting dignitaries and senior officials; electronics and communications maintenance area; cafeteria; modifications to adjacent buildings to support relocated antennas; preaction, wet-pipe sprinkler, underfloor carbon dioxide fire suppression, and fire alarm systems; classified and unclassified local area network systems; elevators; built-in equipment includes raised flooring, special fire protection system, and security provisions; uninterruptible power supply system, emergency generators; telephone, electrical and civil (water/sewer) utilities; upgrade substation; technical operating manuals; force protection requirements (constructed to Seismic Zone 3 standards, security glazing, vehicle gates, relocate staff parking, relocate supply and receipt function, relocate mail room); and, mechanical heating, ventilation and air conditioning. The building will be designed and constructed to meet the Uniform Federal Accessibility Standards. Demolish Building 41 which is currently on the proposed site. Provide an access road to the new Headquarters building.</p>		
<p>11. Requirement: <u>25.269 M2</u> Adequate: <u>0 M2</u> Substandard: <u>0 M2</u></p> <p>PROJECT:</p> <p>Constructs a new headquarters building for the Pacific Command. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate, consolidated, and efficiently configured facility for the Pacific Command Headquarters, consisting of U.S. Commander in Chief Pacific (USCINCPAC) and Special Operations Command Pacific (SOPAC). USCINCPAC maintains the security of the Pacific Command; defends the United States against attack throughout the Pacific Ocean; supports and advances the national policies and interests of the United States in the Pacific, Far East, South Asia, the Indian Ocean and Africa; and prepares plans, conducts operations, and coordinates activities of the Pacific</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII		
4. Project Title CINCPAC HEADQUARTERS (INCREMENT III)		7. Project Number 112B
<p>(...continued)</p> <p>Command forces. SOCPAC, as a USCINCPAC subordinate unified command, conducts joint/combined special operations, and exercises operational control over those in-theater and apportioned Special Operations Forces assigned by USCINCPAC. To accomplish these missions, USCINCPAC and SOCPAC require a consolidated facility which provides administrative office space for approximately 950 personnel, as well as operational control spaces, where the rest of headquarters personnel gather and assess combat intelligence, perform tactical and strategic activities, and control tactical forces. In addition, communications and telecommunications centers supporting USCINCPAC/SOCPAC operations and other miscellaneous support areas (storage, automated data processing, electronics and communications maintenance shop, training) are required in the same facility to increase productivity and efficiency of operations. Existing adequate, substandard, and inadequate spaces currently occupied by USCINCPAC and SOCPAC will be returned to the host activity, Marine Corps Base Hawaii (MCBH) Camp Smith, upon completion of this project, with the exception of the MILSTAR and Cruise Missile Support Activity spaces in Building 20, USCINCPAC J5 Exercise Simulation spaces in Building 5, and USCINCPAC J4 storage space in Building 6, which USCINCPAC will retain.</p> <p>CURRENT SITUATION:</p> <p>As tenants of MCBH Camp Smith, USCINCPAC and SOCPAC currently occupy portions of 25 different buildings at Camp H.M. Smith. Of the 25 buildings, four are rated adequate for their present use, fourteen substandard, and seven inadequate. The buildings rated substandard do not have adequate fire protection and air-conditioning systems, do not meet current seismic design criteria, and have poorly configured administrative and operational control spaces as well as deteriorated ceilings, walls and floors. The buildings rated inadequate have similar deficiencies, but are classified inadequate because estimated costs to structurally rehabilitate these wooden structures to withstand seismic and wind loads specified in the latest building codes exceed 75 percent of the estimated costs to construct equivalent new facilities. The existing headquarters complex is a converted, World War II hospital which was constructed during the period 1941 through 1946 with many narrow, interconnecting multi-story wings. The Complex not only provides working spaces for USCINCPAC, SOCPAC, Marine Forces Pacific (MARFORPAC), and Naval Computer and Telecommunications Area Master Station, Eastern Pacific (NCTAMS EASTPAC), but also provides spaces for the Camp Exchange, Post Office, Library, Snack Bar, and Personnel Services. Functional staff elements cannot be logically located with respect to interactions with other elements within the same Command or with other Commands, resulting in operational/production inefficiencies.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII		
4. Project Title CINCPAC HEADQUARTERS (INCREMENT III)		7. Project Number 112B
<p>(...continued)</p> <p>In addition, the Complex is characterized by wide, non-air-conditioned corridors; exposed electrical wiring & plumbing lines; bare ceilings in many areas; asbestos-laden floor tiles and lead based paint; an inefficient mix of window and package air conditioning systems that service various portions of the Complex; a lack of insulation in air-conditioned areas; termite infestation of the various wooden components; and generally poorly maintained working spaces.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Pacific Command will continue to operate inefficiently out of converted World War II vintage hospital buildings which are in various degrees of disrepair. Furthermore, the Commander in Chief of the U.S. Pacific forces will continue to host dignitaries, foreign diplomats, and other distinguished visitors in facilities unbefitting of a command headquarters. The various headquarters codes, departments, and directorates of the Pacific Command will remain disjointed in twenty-five different buildings and will not be able to effect the productivity and efficiency improvements required to perform the same mission with fewer resources resulting from the current emphasis on down-sizing.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/98</p> <p>(B) Date Design 35% Complete..... 03/99</p> <p>(C) Date Design Complete..... 01/01</p> <p>(D) Percent Complete As Of September 2000..... 60%</p> <p>(E) Percent Complete As Of January 2001..... 100%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01																
3. Installation and Location/UIC:N00038 COMMANDER IN CHIEF, PACIFIC CAMP H.M. SMITH, HAWAII																		
4. Project Title CINCPAC HEADQUARTERS (INCREMENT III)		7. Project Number 112B																
<p>(...continued)</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 1037</p> <p>(C) Total..... 1037</p> <p>(D) Contract..... 345</p> <p>(E) In-House..... 692</p> <p>(4) Contract Award..... 06/00</p> <p>(5) Construction Start..... 01/01</p> <p>(6) Construction Completion..... 07/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Equipment Nomenclature</th> <th style="text-align: left;">Procuring Appropriation</th> <th style="text-align: left;">Fiscal Year Appropriated Or Requested</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>C4I SYSTEMS</td> <td>OPN</td> <td>2000</td> <td>2000</td> </tr> <tr> <td>C4I SYSTEMS</td> <td>OPN</td> <td>2001</td> <td>13500</td> </tr> <tr> <td>C4I SYSTEMS</td> <td>OPN</td> <td>2002</td> <td>9500</td> </tr> </tbody> </table> <p>Activity POC: LCDR MARK CHO Phone No: 808-477-6011</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	C4I SYSTEMS	OPN	2000	2000	C4I SYSTEMS	OPN	2001	13500	C4I SYSTEMS	OPN	2002	9500
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)															
C4I SYSTEMS	OPN	2000	2000															
C4I SYSTEMS	OPN	2001	13500															
C4I SYSTEMS	OPN	2002	9500															

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: M00318 MARINE CORPS BASE KANEHOE BAY HAWAII						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 1.64	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	74	519	522	29	50	0	806	5,577	1,564	9,141
	61	499	587	16	52	0	1,107	7,521	1,783	11,626
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (35,579.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 423,374.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 70,600.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 24,920.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 22,450.00										
g. REMAINING DEFICIENCY..... 268,367.00										
h. GRAND TOTAL..... 809,711.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>		<u>Cost (\$000)</u>		<u>Design Status</u>			
721.24	BACHELOR ENLISTED QUARTERS		0 LS		24,920		12/99	09/01		

TOTAL					24,920					
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
721.11	BACHELOR ENLISTED QUARTERS		0 LS		22,450					

TOTAL					22,450					
c. Real Property Maintenance Backlog (\$000): \$ 65,300										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide services and material to support operations of a Marine Brigade, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:M00318 MARINE CORPS BASE KANEHOE BAY, HAWAII			4. Project Title BACHELOR ENLISTED QUARTERS	
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 748	8. Project Cost 24,920	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (74,949 SF)	m2	6,963	-	17,020
BACHELOR ENLISTED QUARTERS (68,620 SF)	m2	6,375	2,392	(15,250)
POST OFFICE (6,329 SF)	m2	588	2,398	(1,410)
INFORMATION SYSTEMS	LS	-	-	(220)
TECHNICAL OPERATING MANUALS	LS	-	-	(140)
SUPPORTING FACILITIES	LS	-	-	5,270
ELECTRICAL UTILITIES	LS	-	-	(1,620)
MECHANICAL UTILITIES	LS	-	-	(680)
SITE IMPROVEMENTS	LS	-	-	(1,520)
DEMOLITION	LS	-	-	(530)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(920)

SUBTOTAL	-	-	-	22,290
Contingency (5.0%)	-	-	-	1,110

TOTAL CONTRACT COST	-	-	-	23,400
Supervision Inspection & Overhead (6.5%)	-	-	-	1,520

TOTAL REQUEST	-	-	-	24,920
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a multi-story reinforced concrete masonry bachelor enlisted quarters (BEQ) building with seismic upgrades, concrete foundation and floors, and standing seam metal roofing, providing 150 rooms with semi-private bathrooms in the standard 2X0 room configuration. Building will be moment resisting steel frame with marginally reinforced double wythe concrete masonry unit (CMU) in-fill walls (split faced block exterior), single wythe interior CMU walls, concrete floor slab reinforcement run continuously through both faces of the slab and into beams and columns and open web steel joist roof support. Community, and service core areas consist of laundry facilities, lounges, administrative offices, multi-purpose rooms, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating, ventilation and air conditioning. Supporting facilities work includes site and</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00318 MARINE CORPS BASE KANEOHE BAY, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 748
<p>(...continued)</p> <p>building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and Cable Television (CATV)). Paving and site improvements include paved parking, sidewalks, outdoor recreation facilities/courts, roadways access, earthwork, grading and landscaping. Project includes technical operating manuals, Anti-Terrorism/Force Protection features, and demolition of the existing post office building and inadequate BEQ space, including necessary asbestos and lead removal.</p> <p>Rooms: 150 two person rooms Maximum utilization: 300 E1-E3 Intended Grade Mix: 170 E1-E3, 55 E-4, 10 E5 Total: 235 persons.</p>		
<p>11. Requirement: <u>4,654 PN</u> Adequate: <u>3,328 PN</u> Substandard: <u>144 PN</u></p> <p>PROJECT:</p> <p>Constructs a new 150 room bachelor enlisted quarters and adjacent post office to replace inadequate facilities at MCB Hawaii. (Current mission)</p> <p>REQUIREMENT:</p> <p>Project is required to provide adequate billeting for enlisted personnel in support of the Commandant of the Marine Corps' goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks standard and to provide a new post office capable of supporting 15,000 Marines, Sailors and their families at MCB Hawaii.</p> <p>CURRENT SITUATION:</p> <p>Over 50 percent of the BEQs on MCB Hawaii were built in the late 1940's and early 1950's as open squad bay facilities. These facilities were renovated into room configured barracks in the 1970's. Due to fifty years of aging and degradation, these BEQ facilities are in need of constant maintenance and repair in order to sustain minimum habitability. BEQs represent 6 percent of the facilities on base, but consume 22 percent of the maintenance funding. The current backlog for maintenance and repair for BEQs exceeds \$10 million. The current deficiency is 2,258 manspaces and many of the existing barracks house three Marines per room. The new facility would be located close to housing and the new exchange and commissary.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00318 MARINE CORPS BASE KANEOHE BAY, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 748
<p>(...continued)</p> <p>If this project is not provided, junior enlisted personnel will continue to be billeted in deteriorated, over-crowded, and inadequate barracks to the detriment of their morale, retention and readiness. Training time will continue to be diverted for large-scale self-help projects to maintain minimum livability standards. An inequitable amount of maintenance dollars will continue to be diverted from training facilities to barracks, which will exacerbate growing readiness and training problems and increase exponentially over time as existing buildings deteriorate further. Furthermore, higher ranking personnel will continue to be billeted in town, thereby costing the Marine Corps precious Basic Allowance for Housing funds.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 09/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1337</p> <p>(B) All Other Design Costs..... 446</p> <p>(C) Total..... 1783</p> <p>(D) Contract..... 1115</p> <p>(E) In-House..... 668</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 06/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00318 MARINE CORPS BASE KANEOHE BAY, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 748
<p>(...continued)</p> <p>(6) Construction Completion..... 10/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																														
3. Installation and Location/UIC: N68297 NAVAL MAGAZINE LUALUALEI HAWAII					4. Command Commander in Chief Pacific Fleet					5. Area Constr Cost Index 1.57																										
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																										
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																											
	16	232	18	0	0	0	0	0	0	0	266																									
	17	232	122	0	0	0	0	0	0	371																										
7. INVENTORY DATA (\$000)																																				
a. TOTAL ACREAGE (12,028.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 132,982.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,000.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00 g. REMAINING DEFICIENCY..... 244,502.00 h. GRAND TOTAL..... 383,484.00																																				
8. Projects Requested In This Program: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <td><u>Code</u></td> <td></td> <td></td> <td></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>813.20</td> <td>SHORE POWER W 4/5</td> <td>0 LS</td> <td style="text-align: right;">6,000</td> <td>12/99 05/02</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL</td> <td style="text-align: right;">6,000</td> <td></td> </tr> </table>												Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>				<u>Start</u> <u>Complete</u>	813.20	SHORE POWER W 4/5	0 LS	6,000	12/99 05/02				-----		TOTAL			6,000	
Category	Project Title	Scope	Cost (\$000)	Design Status																																
<u>Code</u>				<u>Start</u> <u>Complete</u>																																
813.20	SHORE POWER W 4/5	0 LS	6,000	12/99 05/02																																

TOTAL			6,000																																	
9. Future Projects: a. Included In The Following Program (FY 2003): None b. Major Planned Next Three Years: None c. Real Property Maintenance Backlog (\$000): \$ 0																																				
10. Mission Or Major Functions: Receives, transships, maintains, stores and issues ammunition, missiles and explosive ordnance for the military services in Hawaii and the Pacific Ocean area.																																				
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																																				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: N68297 NAVAL MAGAZINE LUALUALEI, HAWAII			4. Project Title SHORE POWER UPGRADE AT WHARVES W4/W5		
5. Program Element 0204996N	6. Category Code 813.20	7. Project Number 171	8. Project Cost 6,000		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
SHORE POWER UPGRADE AT WHARVES W4/W5	LS	-	-	2,240	
SUBSTATION BUILDING (1,055 SF)	m2	98	2,429	(240)	
POWER OUTLETS	EA	8	20,500	(160)	
SUBSTATION	LS	-	-	(640)	
ELECTRICAL DISTRIBUTION LINES	LS	-	-	(1,190)	
TECHNICAL OPERATING MANUALS	LS	-	-	(10)	
SUPPORTING FACILITIES	LS	-	-	3,120	
ELECTRICAL UTILITIES	LS	-	-	(3,120)	

SUBTOTAL	-	-	-	5,360	
Contingency (5.0%)	-	-	-	270	

TOTAL CONTRACT COST	-	-	-	5,630	
Supervision Inspection & Overhead (6.5%)	-	-	-	370	

TOTAL REQUEST	-	-	-	6,000	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Upgrades the shore power and the electrical distribution system for Naval Magazine Pearl Harbor, West Loch Wharves W4 and W5. The project includes new shore power outlet mounds, new 480 volt secondary feeders, and a new 3000 kVA electrical transformer substation. To support the additional demand load, a new 46KV primary lline will be provided with a new substation near existing substation S-11. West Loch's Substation S-11 will be modified to include a new 11.5 kV distribution service to the wharves. Technical operating manuals will be provided for each substation as part of this project.</p>					
11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u>					
PROJECT:					
Upgrades the shore power outlets and the electrical distribution system that support berthing of nuclear powered submarines during weapons handling evolutions at West Loch Wharves W4 and W5. (Current mission)					
REQUIREMENT:					
Adequate shore power is required at Wharves W-4 and W-5. These berths are					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N68297 NAVAL MAGAZINE LUALUALEI, HAWAII		
4. Project Title SHORE POWER UPGRADE AT WHARVES W4/W5		7. Project Number 171
<p>(...continued)</p> <p>the only authorized weapons handling locations for submarines based in Pearl Harbor Naval Complex, a major Fleet concentration area. This project will provide limited hotel service (1600 amperes at 480 volts per submarine, one power mound per wharf) to Wharves W4 and W5. This limited hotel service will allow a VLS submarine to shift from shore power to ship power and get underway within 30 minutes.</p> <p>Commander Submarine Forces, Pacific operates in the Pacific, Arctic and Indian Oceans, the Arabian Gulf and the Mediterranean Sea, accomplishing a broad spectrum of assigned Fleet missions. This project is required in order to preserve necessary reactor fuel required to navigate the vast ocean distances and areas in performance of Pacific Command (PACCOM) and Central Command (CENTCOM) operations and deployments.</p> <p>The current wharf facility was constructed and is maintained solely as an ammunition handling area. When the facility was built, it was never intended that ships would berth here for several days at a time. Only the advent of the vertical launch missile system on 688 class submarines has made this necessary.</p> <p>CURRENT SITUATION:</p> <p>There are currently no shore power facilities at NAVMAG Lualualei Wharves W-4 and W-5. Additionally, the existing shore power infrastructure is inadequate to meet current and projected power demands. Due to the lack of shore power, submarines are forced to operate their nuclear reactors while moored at West Loch. All homeported submarines at Pearl Harbor go to West Loch to load various ordnance. There are twelve 688-class submarines homeported in Pearl Harbor, which are equipped with the Vertical Launch System (VLS). A complete weapons upload or download for each submarine takes three to four days. On the average, each VLS submarine spends eight to twelve days per year at West Loch. Due to the lack of shore power at Wharves W4 and W5, ships must maintain the reactor plant in an at-sea-lineup during this entire period. The remaining non-VLS SSNs will eventually be replaced by VLS-equipped SSNs, making all submarines in Pearl Harbor go to West Loch for eight to twelve days per year for weapons loads, exacerbating the situation and requiring critical shore power.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Continuous operation of submarine reactor plants while moored at West Loch wastes reactor fuel and decreases the operational life of each SSN which</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N68297 NAVAL MAGAZINE LUALUALEI, HAWAII		
4. Project Title SHORE POWER UPGRADE AT WHARVES W4/W5		7. Project Number 171
<p>(...continued)</p> <p>is limited by its reactor core life. Every day spent steaming alongside the pier at West Loch is a day that cannot and will not be spent at sea supporting deployments, local operations, or on critical surge deployments in support of national security interests.</p> <p>Over a 30-year period each ship would spend about 300 days operating the reactor while pierside at West Loch. The loss of these days is the equivalent of losing one full six-month Western Pacific or Arabian Gulf deployment over the life cycle of each ship.</p> <p>Furthermore, the requirement to continually operate the reactor while at West Loch means that ships cannot support pre-deployment and standdown leave and schools, or allow sailors time away from the ship when it is most needed: immediately prior to deployments. The end result is that twice as many engineering personnel, approximately fifty on each ship, are not able to leave the ship while at West Loch, for an annual total of 2500 man-days. The requirement for days of stationary steaming while ships are berthed only minutes from NAVSTA PEARL submarine berthing area is a source of frustration for sailors and their families.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 322</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N68297 NAVAL MAGAZINE LUALUALEI, HAWAII		
4. Project Title SHORE POWER UPGRADE AT WHARVES W4/W5		7. Project Number 171
<p>(...continued)</p> <p>(B) All Other Design Costs..... 107</p> <p>(C) Total..... 429</p> <p>(D) Contract..... 268</p> <p>(E) In-House..... 161</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT JENNIFER MUSTAIN Phone No: 808-471-3926</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N00311 NAVAL SHIPYARD PEARL HARBOR HAWAII				4. Command Commander in Chief Pacific Fleet		5. Area Constr Cost Index 1.57				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	1,530	9,892	7,512	0	0	0	243	220	0	19,397
	1,551	9,625	7,430	0	0	0	243	220	0	19,069
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (290.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 203,297.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 22,010.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 20,000.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 117,325.00										
h. GRAND TOTAL..... 362,632.00										
8. Projects Requested In This Program:										
Category										
Cost Design Status										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>					
213.10	DRYDOCK 2 WATERFRONT FAC	0 LS	7,900	12/99	05/02					
813.20	DRYDOCK ELEC DIST SYS IMPV	0 LS	12,100	12/99	05/02					

TOTAL			20,000							
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
Overhauls and repairs nuclear powered submarines conventionally, power surface ships.										
Note: Block 6 personnel strength numbers are for Host Activity, Naval Station, Pearl Harbor										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII			4. Project Title DRYDOCK SUPPORT FACILITY	
5. Program Element 0702096N	6. Category Code 213.10	7. Project Number 299	8. Project Cost 7,900	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
DRYDOCK SUPPORT FACILITY (34,993 SF)	m2	3,251	-	5,520
WEST BUILDING (19,806 SF)	m2	1,840	1,501	(2,760)
EAST BUILDING (11,991 SF)	m2	1,114	1,691	(1,880)
BUILDING 208 RENOVATION (3,197 SF)	m2	297	2,084	(620)
BUILT-IN EQUIPMENT	LS	-	-	(110)
INFORMATION SYSTEM	LS	-	-	(80)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	1,550
ELECTRICAL UTILITIES	LS	-	-	(540)
MECHANICAL UTILITIES	LS	-	-	(160)
SITE IMPROVEMENTS	LS	-	-	(290)
DEMOLITION	LS	-	-	(550)
ANTI-TERRORISM/FORCE PROTECTION (SITE)	LS	-	-	(10)

SUBTOTAL	-	-	-	7,070
Contingency (5.0%)	-	-	-	350

TOTAL CONTRACT COST	-	-	-	7,420
Supervision Inspection & Overhead (6.5%)	-	-	-	480

TOTAL REQUEST	-	-	-	7,900
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct two new pre-engineered, two-story metal buildings with concrete slabs and foundations adjacent to the forward portion of Drydock 2. Renovate existing Building 208 Waterfront Latrine. Demolish Buildings 209, 1469, four relocatable buildings, and portable structures (3,382 m2). Project will include fire sprinklers, fire alarms, elevators, restrooms, and air conditioning. The construction of this project will provide anti-terrorism/force protection features including a bomb evacuation alarm system and laminated glass.</p>				
11. Requirement: <u>7,104 m2</u> Adequate: <u>3,853 m2</u> Substandard: <u>0 m2</u>				
PROJECT:				
Provides adequate permanent waterfront facilities for production personnel working on ships undergoing major maintenance at the forward section of				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII		
4. Project Title DRYDOCK SUPPORT FACILITY		7. Project Number 299
<p>(...continued) Drydock 2. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is required to support Project Teams performing critical maintenance on surface ships and submarines homeported at Pearl Harbor and in the Fleet's mid-Pacific theatre. Collocation of the project team is crucial to maintain team integrity, momentum, and commitment to the common goal: to successfully execute the project on time, at budget, with the requisite quality. Success will directly improve the Pacific Fleet's maintenance schedules and costs.</p> <p>Drydock 2 accommodates voyage repairs, intermediate level maintenance, depot level maintenance with concurrent intermediate level maintenance. With the inactivation of the floating drydock (AFDM-6, Competent), docking availabilities for intermediate level maintenance, SRAs, work by the Nuclear Regional Maintenance Department, and emergency repairs are all accomplished in the Shipyard.</p> <p>CURRENT SITUATION:</p> <p>On-site drydock work is currently managed in a multitude of relocatable facilities and substandard buildings surrounding Drydocks 1 and 2. Workers waste many hours repeatedly putting up and taking down tents, transporting and setting up trailers and shacks, and running power and communications cables. This wasteful process is repeated whenever there is a storm or hurricane warning. Relocatable facilities are not energy efficient, require more maintenance than permanent facilities, provide ill-suited working environments, and are not cost effective.</p> <p>The current situation creates poor working conditions which result in increased costs for ship maintenance. Workers assigned to ships in drydock are housed in tents, with picnic tables and boxes serving as workbenches and layout tables. Temporary utilities are strung on poles and on the ground. Management personnel are housed in relocatable structures, with noisy conference rooms and time wasted traveling from trailer to trailer.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, the Shipyard will continue to perform critical maintenance (i.e. resin discharge, emergency repairs, etc.) for surface ships and submarines of the Pacific Fleet in crowded and inefficient</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII		
4. Project Title DRYDOCK SUPPORT FACILITY		7. Project Number 299
<p>(...continued)</p> <p>conditions. The Project Team will not have functional, adequately-sized, and professionally-equipped contiguous work spaces. The net result is continued loss of efficiency and productivity, which directly and adversely impacts the Fleet's maintenance schedules and costs. Cramped and temporary facilities create potential safety and health hazards to employees and negatively impact employee morale.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 424</p> <p>(B) All Other Design Costs..... 141</p> <p>(C) Total..... 565</p> <p>(D) Contract..... 353</p> <p>(E) In-House..... 212</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII		
4. Project Title DRYDOCK SUPPORT FACILITY		7. Project Number 299
(...continued) Activity POC: LCDR ROSS WOODSON Phone No: (808)-471-7036		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII			4. Project Title ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	
5. Program Element 0702228N	6. Category Code 813.20	7. Project Number 474	8. Project Cost 12,100	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	LS	-	-	10,730
ELECTRICAL SUBSTATIONS	LS	-	-	(1,740)
ELECTRICAL DISTRIBUTION LINES	LS	-	-	(330)
ELECTRICAL OUTLETS	LS	-	-	(8,620)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	90
MECHANICAL UTILITIES	LS	-	-	(40)
COMMUNICATION SYSTEM	LS	-	-	(50)

SUBTOTAL	-	-	-	10,820
Contingency (5.0%)	-	-	-	540

TOTAL CONTRACT COST	-	-	-	11,360
Supervision Inspection & Overhead (6.5%)	-	-	-	740

TOTAL REQUEST	-	-	-	12,100
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Modify existing drydock electrical systems to provide permanent shore power to ships undergoing repair at Drydocks 1, 2, and 3. Provide industry-standard electrical outlets to replace bare electrical bus circuit connections at Drydocks 1, 2, and 3 and at wet berths GD1, GD2, GD3, GD4 and GD5. Provide tunnels to enable cable connections between drydock outlets and industrial equipment without crossing crane rails. Provide electrical, water, and communication utilities at wet berth GD-1 and GD-2 to eliminate moving the workforce between drydocking and wet berthing phases of ship repair. Technical operating manuals will be provided.</p>				
11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u>				
PROJECT:				
Provide safe and adequate utilities for ship maintenance while in drydock and at wet berth at the Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility (IMF). (Current mission)				
REQUIREMENT:				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII		
4. Project Title ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS		7. Project Number 474
<p>(...continued)</p> <p>This project is required to support mission critical drydocking facilities that are vital to the maintenance of surface ships and submarines homeported at Pearl Harbor. The project supports reduction of facilities infrastructure, reduction of maintenance costs, improvement in operational efficiency, and improvement in quality of life of workers.</p> <p>CURRENT SITUATION:</p> <p>Existing permanent outlets cannot be used to provide electrical service to ships in drydock as originally intended. This is because the electrical circuits to these 'hotel' outlets are mixed with electrical circuits to industrial loads such as welding machines, pumps, and compressors (the same transformer feeds both 'hotel' and industrial outlets). In the past, this mixing caused power fluctuations on ship electrical systems, which then caused ship maintenance work to come to a halt. To avoid work stoppages, the Shipyard has been forced to supply electrical power to ships from temporary portable substations. Temporary substations are near the end of their life and replacement costs would be in excess of \$3 million. Set up and maintenance costs are also high since temporary portable substations must be removed, maintained, and certified frequently. This project will reconfigure drydock electrical systems to provide permanent outlets for ships in drydock as intended.</p> <p>Power to ships and support equipment is provided by connecting cables to bare electrical busbars instead of connecting to industry-standard outlets. There is insufficient working space in cramped drydock galleries where most connections are made, and there are no safety devices to preclude accidental contact with energized components. There has been an incident where a sailor received an electric shock by inadvertently coming into contact with an energized busbar. This project will correct ten occupational safety and health violations, will provide safe and easily accessible plug-in receptacles to prevent accidental contact with energized components, and will provide sufficient outlets for all electrical loads.</p> <p>Long lengths of cables are often run to remote locations whenever new loads are added, and adjacent energized busbar cannot be de-energized to make new connections. Long lengths of cable are also needed to avoid crossing crane rails. The few utility tunnels that go under the crane rails are frequently jammed with hoses and other cables. This project will provide utility tunnels to allow easy access between drydock outlets and industrial equipment in the drydock laydown areas. Separate tunnels will be provided for electrical lines, water hoses, and hoses containing</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII		
4. Project Title ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS		7. Project Number 474
<p>(...continued)</p> <p>oily waste, which will reduce environmental liability.</p> <p>This project will also provide utilities at a pier adjacent to a drydock to enable the workforce to remain in one location during the drydocking and wet berthing phases of ship repair. Currently, the entire workforce must relocate to a remote pier after the drydocking phase due to inadequate utilities at the nearby pier. This creates additional expense of providing support facilities at two locations and disrupts ship maintenance work.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Current safety hazards to workers and sailors will continue. Continued usage of the portal substations will create hazards due to inefficiencies. Costly set-up and maintenance of temporary electrical systems will continue.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: NA</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 649</p> <p>(B) All Other Design Costs..... 216</p> <p>(C) Total..... 865</p> <p>(D) Contract..... 540</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00311 NAVAL SHIPYARD PEARL HARBOR, HAWAII		
4. Project Title ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS		7. Project Number 474
<p>(...continued)</p> <p>(E) In-House..... 325</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 08/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR ROSS WOODSON Phone No: (808)-471-7036</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																																					
3. Installation and Location/UIC: N62755 PUBLIC WORKS CENTER PEARL HARBOR HAWAII					4. Command Commander in Chief Pacific Fleet					5. Area Constr Cost Index 1.57																																	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																																	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																																		
	15	0	1,335	0	0	0	0	0	0	0	1,350																																
	15	0	1,335	0	0	0	0	0	0	0	1,350																																
7. INVENTORY DATA (\$000)																																											
a. TOTAL ACREAGE (2,190.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 715,135.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 28,967.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 16,900.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00 g. REMAINING DEFICIENCY..... 168,986.00 h. GRAND TOTAL..... 929,988.00																																											
8. Projects Requested In This Program:																																											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Category</td> <td colspan="2"></td> <td colspan="2">Cost</td> <td colspan="2">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td colspan="2"><u>Scope</u></td> <td><u>(\$000)</u></td> <td><u>Start</u></td> <td colspan="2"><u>Complete</u></td> </tr> <tr> <td>832.10</td> <td>SANITARY SEWER (16,942 LF)</td> <td colspan="2">5,164 m</td> <td>16,900</td> <td>12/99</td> <td colspan="2">06/01</td> </tr> <tr> <td colspan="4" style="text-align: center;">TOTAL</td> <td colspan="2">16,900</td> <td colspan="2"></td> </tr> </table>												Category				Cost		Design Status		<u>Code</u>	<u>Project Title</u>	<u>Scope</u>		<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>		832.10	SANITARY SEWER (16,942 LF)	5,164 m		16,900	12/99	06/01		TOTAL				16,900			
Category				Cost		Design Status																																					
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>		<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>																																					
832.10	SANITARY SEWER (16,942 LF)	5,164 m		16,900	12/99	06/01																																					
TOTAL				16,900																																							
9. Future Projects:																																											
a. Included In The Following Program (FY 2003):																																											
None																																											
b. Major Planned Next Three Years:																																											
None																																											
c. Real Property Maintenance Backlog (\$000): \$ 38,628																																											
10. Mission Or Major Functions:																																											
<p>Provide public works, public utilities, housing, engineering services, shore facilities planning support, and all other public works logistics support incident thereto, required by the operating forces, dependent activities, and other commands located in the vicinity of the Pearl Harbor Naval Complex. This center provides services and support to: Naval Shipyard; Naval Submarine Base; Naval Air Station, Barbers Point; Naval Station; Marine Barracks, Naval Supply Center, Naval Magazine, Lualualei; Family Housing Areas.</p> <p>NOTE: Block 6 Personnel Strength numbers are also included in host activity personnel strength.</p>																																											
(Continued On DD 1390C)																																											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N62755 PUBLIC WORKS CENTER PEARL HARBOR HAWAII		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.57
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p> a. Pollution Abatement (*): \$ 0</p> <p> b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N62755 NAVY PUBLIC WORKS CENTER PEARL HARBOR, HAWAII			4. Project Title SEWER FORCE MAIN	
5. Program Element 0702096N	6. Category Code 832.10	7. Project Number 701	8. Project Cost 16,900	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SEWER FORCE MAIN (16,942 LF)	m	5,164	-	12,250
SEWER FORCE MAIN (8,353 LF)	m	2,546	3,105	(7,910)
SLIP LINE (REPAIRS TO EXISTING) (8,589 LF)	m	2,618	1,630	(4,270)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	2,860
ELECTRICAL UTILITIES	LS	-	-	(400)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,120)
CONTAMINATED SOILS MITIGATION	LS	-	-	(1,060)
ARCHAEOLOGICAL MONITORING	LS	-	-	(230)

SUBTOTAL	-	-	-	15,110
Contingency (5.0%)	-	-	-	760

TOTAL CONTRACT COST	-	-	-	15,870
Supervision Inspection & Overhead (6.5%)	-	-	-	1,030

TOTAL REQUEST	-	-	-	16,900
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Project will construct a new 711-mm (28'') non-corrosive sewer force main from the Pearl Harbor Naval Shipyard (PHNSY) Pump Station SY-001 to the Navy's Wastewater Treatment Plant (WWTP) at Fort Kamehameha and will slipline the existing 686 mm (27'') force main to fix the line and provide redundancy within the system.</p> <p>The project includes the following: installation of non-corrosive sewer pipe, including all bends, reducers, valves, valve boxes, sheeting and shoring, reaction blocks, manholes, air release valves, testing, cleanouts, magnetic flow meter, and connections, which include ductile iron connections to existing lines; sliplining of the existing force main; trench excavation and backfill; asphaltic concrete removal and restoration; connection to Pump Station SY-001, the WWTP Headworks, and sewer line from Building 52; traffic and safety control measures; resod/reseed/topsoil/conditioner; archeological monitoring and services; pipe crossing of the stream at the WWTP; electrical utilities, debris</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC:N62755 NAVY PUBLIC WORKS CENTER PEARL HARBOR, HAWAII			
4. Project Title SEWER FORCE MAIN			7. Project Number 701
(...continued) removal; and site cleanup.			
11. Requirement: <u>5,164 m</u> Adequate: <u>0 m</u> Substandard: <u>0 m</u> PROJECT: This project constructs a new sewer force main from the Naval Shipyard Pump Station through Hickam Air Force Base to the Navy's Wastewater Treatment Plant (WWTP) and sliplines the existing main to create a redundant pressure sewer transmission system. (Current mission) REQUIREMENT: A reliable and maintainable wastewater collection system is required to prevent issuance of a Notice of Violation (NOV) from the U.S. Environmental Protection Agency (EPA). EPA has stated a NOV will be issued unless wastewater collection system infrastructure is upgraded, with particular attention focused on providing a redundant line in order to properly maintain the existing 29-year-old, 27'' pressure main that recently experienced a catastrophic failure. The existing pressure main conveys all of the raw wastewater from the Pearl Harbor Complex and about a third of the raw wastewater from Hickam AFB to the Navy's Wastewater Treatment Facility at Fort Kamehameha. EPA has focused on this pressure main because of the volume of sewage it conveys, the criticality of the line and the location. Majority of the line is located along the shores of Pearl Harbor and the Pacific Ocean. Almost any failure of the existing line would drain into ocean waters. In the draft Consent Agreement with the EPA, this project is identified as part of a long-term spill reduction plan that includes identifying and correcting the collection and transmission system deficiencies in the Navy's Pearl Harbor wastewater infrastructure. It was identified in the draft Consent Agreement that in order to provide capability to perform proper maintenance of this line a redundant line is required. By constructing the new force main, flow in the existing aged and deteriorated force main can be relieved to permit the pipeline to be sliplined. Once the existing force main is renewed, preventive maintenance can be performed alternately on either force main on a periodic basis. Intrusive entry cannot be compliantly performed on a live pressure main and outage/bypasses are not technically feasible in this situation. Construction of the proposed force main is the only feasible means to allow preventive maintenance to be performed on the pressure sewer transmission system to satisfy the requirements of EPA. CURRENT SITUATION:			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62755 NAVY PUBLIC WORKS CENTER PEARL HARBOR, HAWAII		
4. Project Title SEWER FORCE MAIN		7. Project Number 701
<p>(...continued)</p> <p>The existing pipe sewer force main was constructed in 1971 and is the only link from the PHNSY Sewage Pump Station to the Navy's WWTP. Past repair work indicates that the pipe is deteriorated. Specifically, it is experiencing some structural deficiency from a longitudinal sidewall crack pattern, which is consistent with internal pipe corrosion. The risks of pump station spill/overflow and line shock associated with the shutdown and restart of sewage flow have prevented internal inspection and assessment of the line. The repairs thus far have been fairly minor, but are indicative of major problems in the future. The major new development will significantly add stress to the fragile link at the Navy's WWTP. The lack of redundancy in this critical sewer line prevents line shutdown long enough to inspect and to provide critical repairs and preventive maintenance.</p> <p>To date there have been four major spills involving this portion of the wastewater distribution line. The spill history indicates an increase of raw sewage is expelled with each occurrence. The latest spill in April of 1999, dumped 1.2 million gallons raw sewage into the pristine waters of the Pacific Ocean near the Pearl Harbor Channel entrance.</p> <p>Based on the results of a May 1997 site inspection, EPA has determined that these wastewater spills are a violation of the Clean Water Act and the operating conditions specified in National Pollutant Discharge Elimination System (NPDES) permit HI 0110086. An enforcement action against the Navy was to be initiated; however, both parties agreed to negotiate a Federal Facilities Consent Agreement with the ongoing risk of enforcement action.</p> <p>EPA has argued that the Navy's reliance on a single, aged, wastewater force main having a known history of failure is unreasonable, and has required the Navy to develop contingencies to prevent the continued, uncontrolled wastewater spills into waters of the United States. The inability to remove this force main from service to routinely inspect and conduct appropriate maintenance procedures is a violation of NPDES permit HI 0110086.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>A NOV will be issued by the EPA requiring construction of an additional pressure main to provide the capability to perform proper preventive maintenance on the collection system and to lessen the risk of sewage spills into Pearl Harbor. The lack of a redundant line and the inability to service the existing line may cause a catastrophic line break that may</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62755 NAVY PUBLIC WORKS CENTER PEARL HARBOR, HAWAII		
4. Project Title SEWER FORCE MAIN		7. Project Number 701
<p>(...continued)</p> <p>incapacitate the Naval Complex's sewer system and may result in a major spill into the waters of Pearl Harbor and subsequent enforcement action by the EPA. This will severely hamper daily operations at the Pearl Harbor Complex facilities and berthed ships. Ship movements through the south channel of Pearl Harbor, including visitor traffic to the Arizona Memorial, may be severely impacted for a minimum of several weeks. Water quality testing will need to be performed, and remedial action will be imposed if testing confirms contamination higher than regulations allow. Additionally, based on the severity and scope of the spill the Navy will be open to violations of the Clean Water Act and the National Pollutant Discharge Elimination System (NPDES) permit.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 06/01</p> <p>(D) Percent Complete As Of September 2000..... 10%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 960</p> <p>(B) All Other Design Costs..... 800</p> <p>(C) Total..... 1760</p> <p>(D) Contract..... 1600</p> <p>(E) In-House..... 160</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 12/01</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62755 NAVY PUBLIC WORKS CENTER PEARL HARBOR, HAWAII		
4. Project Title SEWER FORCE MAIN		7. Project Number 701
<p>(...continued)</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT JENNIFER MUSTAIN Phone No: (808) 474-3926</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																							
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR HAWAII						4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.57																					
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	1,530	9,892	7,512	0	0	0	243	220	0	19,397																				
	1,551	9,625	7,430	0	0	0	243	220	0	19,069																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (6,250.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 543,524.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 92,480.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 40,600.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 22,900.00 g. REMAINING DEFICIENCY..... 528,227.00 h. GRAND TOTAL..... 1,227,731.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th></th> <th style="text-align: right;">Cost</th> <th style="text-align: right;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: right;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u> <u>Start</u> <u>Complete</u></th> </tr> <tr> <td>721.11</td> <td>BEQ REPLACEMENT</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">17,300 12/99 03/02</td> </tr> <tr> <td>721.11</td> <td>BACH ENLIST QTRS MODERN (133,150 SF)</td> <td style="text-align: right;">12,370 m2</td> <td style="text-align: right;">23,300 12/99 01/02</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">----- 40,600</td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>	721.11	BEQ REPLACEMENT	0 LS	17,300 12/99 03/02	721.11	BACH ENLIST QTRS MODERN (133,150 SF)	12,370 m2	23,300 12/99 01/02	TOTAL			----- 40,600
Category		Cost	Design Status																											
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>																											
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721.11	BACH ENLIST QTRS MODERN (133,150 SF)	12,370 m2	23,300 12/99 01/02																											
TOTAL			----- 40,600																											
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
None																														
b. Major Planned Next Three Years:																														
* 832.10	BILGE & OILY WASTE FAC	0 LS	12,500																											
152.10	RECAPITALIZE BRAVO DOCKS	0 LS	10,400																											
TOTAL			----- 22,900																											
c. Real Property Maintenance Backlog (\$000): \$ 185,380																														
10. Mission Or Major Functions:																														
<p>Pearl Harbor is homeport for approximately 40 surface combatants and submarines. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area.</p>																														

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR HAWAII		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.57
<p>(...continued)</p> <p>NOTE: The Block 6 Personnel Strength numbers include all tenant activities of subcomplex PA12, Naval Station, Pearl Harbor (Public Works Center, Naval Shipyard, etc.).</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 12 , 500</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL STATION PEARL HARBOR, HAWAII			4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION	
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 594	8. Project Cost 23,300	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS MODERNIZATION (133,150 SF)	m2	12,370	-	19,040
BUILDING MODERNIZATION (133,150 SF)	m2	12,370	1,369	(16,930)
INFORMATION SYSTEMS	LS	-	-	(70)
TECHNICAL OPERATING MANUALS	LS	-	-	(150)
BUILT-IN EQUIPMENT	LS	-	-	(120)
SEISMIC UPGRADE	LS	-	-	(1,120)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(650)
SUPPORTING FACILITIES	LS	-	-	1,080
ELECTRICAL UTILITIES	LS	-	-	(230)
MECHANICAL UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(360)
DEMOLITION	LS	-	-	(40)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(350)

SUBTOTAL	-	-	-	20,120
Contingency (5.0%)	-	-	-	1,010

TOTAL CONTRACT COST	-	-	-	21,130
Supervision Inspection & Overhead (6.5%)	-	-	-	1,370

SUBTOTAL	-	-	-	22,500
DESIGN BUILD DESIGN COST	LS	-	-	800

TOTAL REQUEST	-	-	-	23,300
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,820
10. Description of Proposed Construction				
<p>Renovation of an existing Bachelor Enlisted Quarters (BEQ), Building 1723, Smallwood Hall, for E1-6 permanent party personnel to meet current "1+1" bachelor housing design criteria. The proposed renovation will result in 156 "1+1" modules. Install chilled water air conditioning system; provide heat recovery water heating system and gas fired boiler; construct new mechanical utility building; provide laundry rooms on each floor; upgrade jalousie windows with sliding windows throughout facility; replace roofing; modernize wall/floor coverings; upgrade ceiling; modernize built-in closets; upgrade plumbing fixtures and provide additional water</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL STATION PEARL HARBOR, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 594
<p>(...continued)</p> <p>closets/showers for private bathrooms in each living unit; install transformer and distribution system; upgrade lighting, wiring, and receptacles; upgrade fire alarm system; repair elevators; repair trash chute; install partitions along interior corridor; and install fencing. The project includes Anti-Terrorism/Force Protection Security Measures. Technical operating manuals will be provided for facility operations, repair, and maintenance.</p> <p>Intended Grade Mix: 138 E1-E4 and 87 E5-E6. Maximum Utilization: 312 E1-E4.</p>		
<p>11. Requirement: <u>3,374 PN</u> Adequate: <u>2,373 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Renovates BEQ building 1723 to adequately house permanent party enlisted personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate regional bachelor enlisted facilities are required to accommodate junior enlisted personnel stationed on Oahu (Naval Station). The primary mission of NAVSTA Pearl Harbor is to provide base operating support for the operating forces of the U.S. Navy, dependent activities, and other commands as assigned and to provide support for submarine and surface ship training. NAVSTA is the program manager and provider of shore services to the Oahu region for operational control of the harbor and support functions including Bachelor Quarters, Family Services, and Morale, Welfare, and Recreation. In support of this mission, this project will renovate and modernize BEQ 1723 to meet current design and quality of life standards, providing adequate housing for Navy junior enlisted (E1-E6) personnel. The project is consistent with the latest Commander, Navy Region, HAWAII Regional Shore Infrastructure Plan (RSIP) for bachelor quarters.</p> <p>CURRENT SITUATION:</p> <p>Bachelor quarters building 1723 is structurally sound but showing signs of deterioration and being outdated. Carpeting is stained, worn, and faded. Walls are soiled and scuffed. Jalousie windows are easily broken and need frequent repair/replacement. Bathrooms are deteriorated and plumbing fixtures are worn, stained, and out-of-date. Roofing is deteriorated and in need of replacement. The building's fire alarm system is deteriorated and shorts out during spray cleaning of facility corridors. Building hot water heating systems are slow to meet demand and need frequent</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL STATION PEARL HARBOR, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 594
<p>(...continued)</p> <p>maintenance. Elevators are unreliable, with periodic breakdowns and stops on incorrect floors. Living quarters lack the air conditioning specified in bachelor housing design criteria. The building's laundry room facilities provide less than half the number of washers and dryers specified in design criteria.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>BEQ Building 1723 will continue to deteriorate. The overall condition of the facility (interior finishes, floor covering, plumbing fixtures, light fixtures, furnishings, etc.) will worsen with age and use. Building elevators and hot water heating systems will breakdown with increasing frequency. Occupants will continue to suffer from the uncomfortably warm, humid environment. The use of a deteriorated and unreliable fire alarm system will place personnel at risk. The limited number of washers and dryers will continue to inconvenience building occupants.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/01</p> <p>(C) Date Design Complete..... 01/02</p> <p>(D) Percent Complete As Of September 2000..... 10%</p> <p>(E) Percent Complete As Of January 2001..... 20%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 663</p> <p>(C) Total..... 663</p> <p>(D) Contract..... 221</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01								
3. Installation and Location/UIC:N62813 NAVAL STATION PEARL HARBOR, HAWAII										
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 594								
<p>(...continued)</p> <p>(E) In-House..... 442</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 03/02</p> <p>(6) Construction Completion..... 06/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>BACHELOR QUARTERS FURNISHINGS</td> <td>O&M,N</td> <td>2002</td> <td>1820</td> </tr> </tbody> </table> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 448</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 3450</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 14002</p> <p>Activity POC: CAPT JENNIFER MUSTAIN Phone No: (808) 471-1170</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	BACHELOR QUARTERS FURNISHINGS	O&M,N	2002	1820
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)							
BACHELOR QUARTERS FURNISHINGS	O&M,N	2002	1820							

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL COMPLEX PEARL HARBOR, HAWAII			4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT	
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 467	8. Project Cost 17,300	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS REPLACEMENT (42,195 SF)	M2	3,920	-	11,290
BUILDING RENOVATION (42,195 SF)	M2	3,920	2,562	(10,040)
INFORMATION SYSTEMS	LS	-	-	(30)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(980)
BUILT-IN EQUIPMENT	LS	-	-	(160)
SUPPORTING FACILITIES	LS	-	-	3,660
ELECTRICAL UTILITIES	LS	-	-	(770)
MECHANICAL UTILITIES	LS	-	-	(670)
SITE IMPROVEMENTS	LS	-	-	(560)
DEMOLITION	LS	-	-	(1,160)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(500)

SUBTOTAL	-	-	-	14,950
Contingency (5.0%)	-	-	-	750

TOTAL CONTRACT COST	-	-	-	15,700
Supervision Inspection & Overhead (6.5%)	-	-	-	1,020

SUBTOTAL	-	-	-	16,720
DESIGN BUILD DESIGN COST	LS	-	-	580

TOTAL REQUEST	-	-	-	17,300
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Constructs a multi-story (4-stories or above) building with reinforced concrete walls and concrete flooring and foundation to meet the "1+1" bachelor housing design criteria. The proposed project will provide 56 "1+1" modules to accommodate 112 E1-E4 permanent party personnel. Construction will include recreation/community and service (core) areas for laundry facilities, lounges, supply storage, administrative offices and indoor/outdoor recreational areas. Project also includes supporting facilities - upgrade of electrical distribution, transformer, communications, water distribution, fire sprinkler, and sewer lines.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL COMPLEX PEARL HARBOR, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 467
<p>(...continued)</p> <p>This project will also provide Anti-Terrorism/Force Protection (AT/FP) and physical security measures to the primary and supporting facilities. The site elements include minimum building standoff, parking standoff and installation perimeter standoff distances.</p> <p>Intended Grade Mix: 112 E1-E4 Maximum Utilization: 112 E1-E4</p>		
<p>11. Requirement: <u>1,463 PN</u> Adequate: <u>1,072 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Provides Bachelor Quarters for 112 E1-E4 permanent party bachelor personnel by replacing BEQ Building 1633, Smedley Hall. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate berthing facilities are required to house shore based enlisted E-1 to E-6 personnel that work to support the Naval Station. Under the command of CINCPACFLT, Commander, Navy Region, Hawaii (COMNAVREG HI) is the regional coordinator for all shore-based naval personnel and shore activities located in Hawaii as well as Midway Island, Kure Island, and the islands of Wake, Johnston, Palmyhra, and Kingman Reef. The most important mission of COMNAVREG HI is coordinating the Navy's local support of the Pacific Fleet. This support involves port and housekeeping services for more than forty surface ships and submarines homeported in Pearl Harbor and more than seventy shore commands and activities.</p> <p>In support of this mission, this project will replace BEQ 1633 to meet current design and quality of life standards, providing adequate housing for Navy junior enlisted (E1-E6) personnel.</p> <p>CURRENT SITUATION:</p> <p>Building 1633, constructed in 1984, is a permanent four story, concrete structure, which currently does not comply with current criteria, including inadequate area per module, the lack of kitchenettes, air conditioning, and fire protection. The lack of air conditioning creates an uncomfortable living environment from heat and noise and also creates security problems when jalousy windows are left open. The Annual Inspection Survey (AIS) identified defective and damaged lights, electrical outlets, shower fixtures, damaged shower stalls, worn masonry and wood surfaces. The building cannot be modernized and meet current DoD Anti-Terrorism/Force Protection criteria within economic constraints.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL COMPLEX PEARL HARBOR, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 467
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, Navy enlisted personnel will be subjected to inadequate, deteriorated living conditions. The quarters do not meet the current requirements to provide adequate space, privacy, and safety.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 03/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 449</p> <p>(B) All Other Design Costs..... 150</p> <p>(C) Total..... 599</p> <p>(D) Contract..... 150</p> <p>(E) In-House..... 449</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 10/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62813 NAVAL COMPLEX PEARL HARBOR, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 467
<p>(...continued)</p> <p>C. FY 2000 Unacccompanied Housing Real Property Maint Conducted (\$000) 448</p> <p>D. FY 2001 Unacccompanied Housing Real Property Maint Conducted (\$000) 3450</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 14002</p> <p>Activity POC: CAPT JENNIFER MUSTAIN Phone No: (808) 471-1170</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER GREAT LAKES ILLINOIS				4. Command Chief of Naval Education and Training		5. Area Constr Cost Index 1.26				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	565	3,755	1,236	0	5,294	0	756	1,635	0	13,241
	611	4,175	1,265	0	6,971	0	756	1,635	0	15,413
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (1,857.00)										
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 609,646.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 234,430.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 82,260.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 43,000.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 164,560.00										
g. REMAINING DEFICIENCY..... 586,332.00										
h. GRAND TOTAL..... 1,720,228.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>		<u>Cost (\$000)</u>		<u>Design Status</u>			
721.15	RECRUIT BARRACKS (172,147 SF)		15,993 m2		41,130		12/99	06/02		
721.15	RECRUIT BARRACKS (172,147 SF)		15,993 m2		41,130		12/99	06/02		
TOTAL					82,260					
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
721.15	RECRUIT BARRACKS (172,147 SF)		15,993 m2		43,000					
TOTAL					43,000					
b. Major Planned Next Three Years:										
171.40	REPLACE RTC DRILL HALL (65,122 SF)		6,050 m2		13,100					
721.14	BEQ A SCHOOL REPL (183,794 SF)		17,075 m2		23,000					
721.15	RECRUIT BARRACKS (172,147 SF)		15,993 m2		39,800					
721.11	RTC BARRACKS (172,147 SF)		15,993 m2		40,830					
721.11	RTC BARRACKS (172,147 SF)		15,993 m2		40,830					
851.10	RTC INFRASTR UPGRD(PH III)		0 LS		7,000					
TOTAL					164,560					
c. Real Property Maintenance Backlog (\$000): \$ 297,220										
10. Mission Or Major Functions:										
Provide basic indoctrination (recruit training) for enlisted personnel;										
(Continued On DD 1390C)										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER GREAT LAKES ILLINOIS		4. Command Chief of Naval Education and Training	5. Area Constr Cost Index 1.26
<p>(...continued)</p> <p>primary, advanced, and specialized training for officer and enlisted personnel at Recruit Training Command Service School.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS			4. Project Title RECRUIT BARRACKS REPLACEMENT		
5. Program Element 0805796N	6. Category Code 721.15	7. Project Number 732	8. Project Cost 41,130		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
RECRUIT BARRACKS REPLACEMENT (176,291 SF)	m2	16,378	-	29,630	
BACHELOR ENLISTED QUARTERS (147,767 SF)	m2	13,728	1,695	(23,270)	
APPLIED INSTRUCTION BUILDING (13,961 SF)	m2	1,297	1,892	(2,450)	
ENLISTED DINING (14,564 SF)	m2	1,353	2,230	(3,020)	
BUILT-IN EQUIPMENT	LS	-	-	(400)	
TECHNICAL OPERATING MANUALS	LS	-	-	(190)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(300)	
SUPPORTING FACILITIES	LS	-	-	6,660	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(3,000)	
ELECTRICAL UTILITIES	LS	-	-	(500)	
MECHANICAL UTILITIES	LS	-	-	(500)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,660)	
SUBTOTAL		-	-	-	36,290
Contingency (5.0%)		-	-	-	1,810
TOTAL CONTRACT COST		-	-	-	38,100
Supervision Inspection & Overhead (6.0%)		-	-	-	2,290
SUBTOTAL		-	-	-	40,390
DESIGN BUILD DESIGN COST		LS	-	-	740
TOTAL REQUEST		-	-	-	41,130
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Three-story, concrete and masonry, steel framed building with standing seam metal roof to provide open-bay recruit barracks. Project includes enlisted closed mess area, classroom area, entrance canopy, elevators, heating, ventilation and air conditioning, electrical and mechanical utilities, fire protection system, force protection, telephone and underground conduit and wiring, technical operating manuals, parking and site improvements. Extension of roads and sidewalks and a railroad bridge.</p> <p>Intended Grade mix: 1,056 Recruits. Maximum Utilization: 1,056 Recruits.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS REPLACEMENT		7. Project Number 732
<p>(...continued)</p> <p>11. Requirement: <u>1,056 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Constructs a new 1,056 persons (PN) Recruit Barracks at the Recruit Training Command to provide adequate berthing space, messing facilities, and academic instruction spaces in the same building to provide more efficient training time. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate, collocated berthing, classroom and mess facilities are required to support the training mission of the Recruit Training Command. This new training concept is currently being used successfully by the Army and Air Force and utilizes an 'all in one complex' (AIOC) for more efficient use of training time. This project is one of two FY 2002 projects and will partially correct the existing deficiency in the DOD requirement for recruit berthing space at RTC Great Lakes. The current total barracks capacity is 10,800, based on current space criteria, with a surge requirement of 16,000. Future projects will replace all of the existing barracks using this AIOC concept.</p> <p>CURRENT SITUATION:</p> <p>Currently, the individual recruit barracks house 1,056 recruits in about 50 net square feet (NSF) per person. This is in violation of the current standard of 72 NSF per person and requires a waiver to operate at this capacity. Recruit training is hampered by the lack of suitable or adequate berthing facilities. In addition, the current facilities were built in the 1950's and 1960's and are reaching the end their useful life. Maintenance is a major problem and there is no air conditioning or forced air ventilation in any of the barracks. They are heated with steam fin tube radiators along the perimeter walls and there is virtually no control of heating level. Windows have to be opened to control the temperature. Many of the windows are inoperative. The buildings do not meet current ASHRAE outside air ventilation requirements. Courtyards are a waste of usable space. The gang heads were built for a capacity of sixty which is not sufficient for the current 88-94 persons per division. The only fire protection is smoke detectors. The exteriors of the structures are deteriorated with exposed re-bar in many areas due to spalling concrete. The water, sewer, and electrical systems are old, undersized, and unreliable. Based on a current study evaluating the RTC Barracks, approximately \$25 million per barracks will be required to correct the current maintenance backlog and criteria deficiencies and the barracks</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS REPLACEMENT		7. Project Number 732
<p>(...continued) replacement cost is estimated to be \$30 million.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If the deficiency is not corrected, the training mission requirements will be severely impacted by reduced training time, lack of training consistency, and increased attrition. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirement of 56,000 throughput and a 16,000 surge requirement. This is a major concern to Chief of Naval Operations, the Secretary of the Navy, and Congress.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 08/01</p> <p>(C) Date Design Complete..... 06/02</p> <p>(D) Percent Complete As Of September 2000..... 15%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Most Recently Used: FY01 BEQS AT RTC GRE</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 740</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 940</p> <p>(D) Contract..... 200</p> <p>(E) In-House..... 740</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS REPLACEMENT		7. Project Number 732
<p>(...continued)</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 06/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT MICHAELE SABINE Phone No: (847)-688-4818</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS			4. Project Title RECRUIT BARRACKS REPLACEMENT	
5. Program Element 0805796N	6. Category Code 721.15	7. Project Number 733	8. Project Cost 41,130	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
RECRUIT BARRACKS REPLACEMENT (176,291 SF)	m2	16,378	-	29,630
BACHELOR ENLISTED QUARTERS (147,767 SF)	m2	13,728	1,695	(23,270)
APPLIED INSTRUCTION BUILDING (13,961 SF)	m2	1,297	1,892	(2,450)
ENLISTED DINING (14,564 SF)	m2	1,353	2,230	(3,020)
BUILT-IN EQUIPMENT	LS	-	-	(400)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
ANTITERRORISM/FORCE PROTECTION	LS	-	-	(300)
SUPPORTING FACILITIES	LS	-	-	6,660
ELECTRICAL UTILITIES	LS	-	-	(1,650)
MECHANICAL UTILITIES	LS	-	-	(2,800)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,210)

SUBTOTAL	-	-	-	36,290
Contingency (5.0%)	-	-	-	1,810

TOTAL CONTRACT COST	-	-	-	38,100
Supervision Inspection & Overhead (6.0%)	-	-	-	2,290

SUBTOTAL	-	-	-	40,390
DESIGN BUILD DESIGN COST	LS	-	-	740

TOTAL REQUEST	-	-	-	41,130
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Three-story, concrete and masonry, steel framed building with standing seam metal roof to provide open-bay recruit barracks. Project includes enlisted closed mess area, classroom area, entrance canopy, elevators, heating, ventilation and air conditioning, electrical and mechanical utilities, fire protection, force protection, telephone and underground conduit and wiring, technical operating manuals, parking, street lighting, and site improvements. Extension of water, sanitary sewer, storm sewer, telecommunications, and electrical distribution systems.</p> <p>Intended Grade mix: 1,056 Recruits. Maximum utilization 1,056 Recruits.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS REPLACEMENT		7. Project Number 733
<p>(...continued)</p> <p>11. Requirement: <u>1,056 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Construct a new 1,056 PN Recruit Barracks at the Recruit Training Command. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate berthing space, messing facilities, and academic instruction spaces are required to support recruit training requirements. The current total barracks capacity is 10,800 based on current space criteria with a surge requirement of 16,000. This project is one of two FY 2002 projects to correct this space deficiency and institute a new training concept where the academic recruit training is done in the same facility as the living quarters. Future projects will continue to be submitted to replace all of the existing barracks using this AIOC concept. This new training concept is currently being used successfully by the Army and Air Force and utilizes an 'all in one complex' (AIOC) for more efficient use of training time. This project will partially correct the existing deficiency in the DOD requirement for recruit berthing space at RTC Great Lakes.</p> <p>CURRENT SITUATION:</p> <p>Recruit training is hampered by the lack of suitable or adequate berthing facilities. Currently, recruits are housed in barracks that have a space allowance of 50 net square feet per recruit and a waiver is required to operate in this manner. This does not meet the current standard of 72 net square feet per recruit. In addition, the current facilities were built in the 1950's and 1960's and are reaching the end their useful life. Maintenance is a major problem and there is no air conditioning or forced air ventilation in any of the barracks. They are heated with steam fin tube radiators along the perimeter walls and there is virtually no control. Windows have to be opened to control the temperature. Many of the windows are inoperative. The buildings do not meet current ASHRAE outside air ventilation requirements. Courtyards are a waste of usable space. The gang heads were built for a capacity of sixty which is not sufficient for the existing 88- 94 persons per division. The only fire protection is smoke detectors. The exterior of the structures are deteriorated with exposed re-bar in many areas due to spalling concrete. The water, sewer, and electrical systems are old, undersized, and unreliable. Based on a current study evaluating the RTC Barracks, approximately \$25 million per barracks will be required to correct the</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS REPLACEMENT		7. Project Number 733
<p>(...continued)</p> <p>current maintenance backlog and criteria deficiencies and the barracks replacement cost is estimated to be \$30 million.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If the deficiency is not corrected, the training mission requirements will be severely impacted by reducing training time, training inconsistency, and increased attrition. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirement of 56,000 throughput and a 16,000 surge requirement.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 08/01</p> <p>(C) Date Design Complete..... 06/02</p> <p>(D) Percent Complete As Of September 2000..... 15%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Most Recently Used: FY01 BEQS AT RTC GRE</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 740</p> <p>(B) All Other Design Costs..... 200</p> <p>(C) Total..... 940</p> <p>(D) Contract..... 200</p> <p>(E) In-House..... 740</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00210 NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS		
4. Project Title RECRUIT BARRACKS REPLACEMENT		7. Project Number 733
<p>(...continued)</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 06/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT MICHAELE SABINE Phone No: (847)-688-4818</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N00164 WEAPONS SUPPORT CENTER CRANE INDIANA				4. Command Naval Sea Systems Command			5. Area Constr Cost Index 1.06			
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/30/01	18	49	3,224	0	0	0	0	0	0	3,291
b. End FY 2007	21	54	2,792	0	0	0	0	0	0	2,867
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (62,929.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 267,391.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 5,820.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 33,314.00										
h. GRAND TOTAL..... 306,525.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
216.60	SPEC PURP MUNITINS ENG FAC (19,041 SF)					1,769 m2	5,820	12/99	10/02	

TOTAL							5,820			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
Provide material, technical and logistics support for ships and equipment, shipboard weapons systems and assigned expendable and nonexpendable ordnance items, including small arms, fire control, anti-submarine warfare, pyrotechnics, electronic warfare, fleet ballistic missile systems, electronic components such as batteries, microwave tubes, missile components, and rotating components (gyros), conventional ammunition, gun systems, and missiles.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00164 NAVAL SURFACE WARFARE CTR CRANE, INDIANA			4. Project Title SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY		
5. Program Element 0702096N	6. Category Code 216.60	7. Project Number 315	8. Project Cost 5,820		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
SPECIAL PURPOSE MUNITIONS ENGINEERING FAC (19,041 SF)	m2	1,769	-	3,450	
ENGINEERING BUILDING (11,345 SF)	m2	1,054	1,436	(1,510)	
EXPLOSIVE OPERATIONS BUILDING (2,648 SF)	m2	246	1,626	(400)	
HIGH EXPLOSIVE MAGAZINE (5,048 SF)	m2	469	2,114	(990)	
BUILT-IN EQUIPMENT	LS	-	-	(320)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(90)	
TECHNICAL OPERATING MANUALS	LS	-	-	(50)	
INFORMATION SYSTEMS	LS	-	-	(90)	
SUPPORTING FACILITIES (25,360 SF)	m2	2,356	-	1,600	
ELECTRICAL UTILITIES	LS	-	-	(580)	
MECHANICAL UTILITIES	LS	-	-	(80)	
PAVING AND SITE IMPROVEMENT	LS	-	-	(580)	
DEMOLITION (25,360 SF)	m2	2,356	153	(360)	

SUBTOTAL	-	-	-	5,050	
Contingency (5.0%)	-	-	-	250	

TOTAL CONTRACT COST	-	-	-	5,300	
Supervision Inspection & Overhead (6.0%)	-	-	-	320	

SUBTOTAL	-	-	-	5,620	
DESIGN BUILD DESIGN COST	LS	-	-	200	

TOTAL REQUEST	-	-	-	5,820	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	10	
10. Description of Proposed Construction					
<p>Single story, steel framed building, insulated masonry exterior walls, built-up roof on insulated metal decking, concrete floors and foundation, prototyping machine shop, inert materials storage, administrative space, secure computer area, secure secret briefing room, electronics laboratory, torch fabrication room, utilities and mechanical heating, ventilation, and air conditioning (HVAC). A reinforced concrete, earthen covered explosive operations building with explosives storage; fire protection system, utilities, and mechanical HVAC. Technical operating manuals will be provided. Construction of a Modified Box Type C earth covered magazine</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00164 NAVAL SURFACE WARFARE CTR CRANE, INDIANA		
4. Project Title SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY		7. Project Number 315
<p>(...continued)</p> <p>with intrusion detection systems. This project will demolish 25,365 square feet.</p>		
<p>11. Requirement: <u>1,769 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new Special Warfare Munitions Engineering Facility. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to support the Naval Surface Weapons Center (NSWC) Crane charter to provide for the transition of special purpose munitions (SPM) into the Blue Water Navy. NSWC Crane is required to develop materials for specific deployment requirements under stringent time schedules. Simultaneous efforts are required to develop, test, and produce units. Most of the requirements are Secret (SPECAT) and need a secure working environment. Also required is the development and acquisition of certified 'Safe For Use' pyrotechnic and demolition devices for Tier 1 units, the first units to be called in to serve. NSWC Crane is the only authorized location for storage of special purpose munitions.</p> <p>CURRENT SITUATION:</p> <p>Work is predominantly being performed in parts of two 1940's built inert storage buildings which have been converted to engineering and support facilities. The workforce is divided among the two facilities based on explosive safety rules. Additional inefficiencies are created by the site approval for the engineering facility which allows only 50 pounds of explosives, based on Net Explosive Weight (NEW), to be kept in the building. The existing lab space provides only a third of the space required and documented in the project's Basic Facility Requirements (BFR). Several costly upgrades are needed in the existing facilities including installation of a permanent ceiling barrier, sound deadening materials added to exterior walls, enclosed office spaces, a security lock system, and an intrusion detection system. Existing magazines are almost sixty years old and require continual maintenance and repair.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Reduced ability to support the Fleet's growing Special Purpose Munitions (SPM) requirements due to increasing global hostilities. Timely and cost effective delivery of SPM will be diminished as demand from the Blue Water</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00164 NAVAL SURFACE WARFARE CTR CRANE, INDIANA		
4. Project Title SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY		7. Project Number 315
(...continued) Navy and Special Operations Command organizations increase.		
12. Supplemental Data: A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide) (1) Status: (A) Date Design Started..... 12/99 (B) Date Design 35% Complete..... 08/02 (C) Date Design Complete..... 10/02 (D) Percent Complete As Of September 2000..... 2% (E) Percent Complete As Of January 2001..... 2% (F) Type of Design Contract..... Design Build (G) Parametric Estimate used to develop cost..... Yes (H) Energy study/life-cycle analysis performed..... Yes (2) Basis: (A) Standard or Definitive Design: No (B) Where Design Was Most Recently Used: N/A (3) Total Cost (C) = (A) + (B) Or (D) + (E): (A) Production of Plans and Specifications..... 151 (B) All Other Design Costs..... 50 (C) Total..... 201 (D) Contract..... 50 (E) In-House..... 151 (4) Contract Award..... 06/02 (5) Construction Start..... 08/02 (6) Construction Completion..... 03/04 B. Equipment associated with this project which will be provided from other appropriations: <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 40%;">Equipment Nomenclature</div> <div style="width: 20%;">Procuring Appropriation</div> <div style="width: 20%;">Fiscal Year Appropriated Or Requested</div> <div style="width: 20%;">Cost (\$000)</div> </div> <div style="border-top: 1px dashed black; margin-top: 5px; margin-left: 100px; width: 60%;"></div>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC:N00164 NAVAL SURFACE WARFARE CTR CRANE, INDIANA			
4. Project Title SPECIAL PURPOSE MUNITIONS ENGINEERING FACILITY			7. Project Number 315
<p>(...continued)</p> <p>CCTV, Cameras and Monitors O&MN 2004 10</p> <p>Activity POC: CDR FERNAND AUCREMANNE Phone No: (812)-854-1344</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N60087 NAVAL AIR STATION BRUNSWICK, MAINE				4. Command Commander in Chief Atlantic Fleet			5. Area Constr Cost Index 1.02			
6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	413	2,440	549	0	0	0	94	335	0
b. End FY 2007	428	2,809	539	0	0	0	94	535	0	4,405
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (15,868.00)										
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 123,986.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 4,400.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 67,395.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 7,400.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 70,022.00										
h. GRAND TOTAL..... 273,203.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>					
					<u>Start</u>	<u>Complete</u>				
211.05	AIRCRAFT MAINT HANGAR (167,454 SF)	15,557 m2	41,665	12/99	10/02					
721.11	BACHELOR ENLISTED QUARTERS (129,920 SF)	12,070 m2	22,630	12/99	06/02					
211.45	P-3 SUPPORT FACILITY	0 LS	3,100	05/00	08/01					
TOTAL			67,395							
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
141.70	CONTROL TWR ATTD/FREE STD (16,038 SF)	1,490 m2	7,400							
TOTAL			7,400							
b. Major Planned Next Three Years: None										
c. Real Property Maintenance Backlog (\$000): \$ 112,172										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide services and material support for the homeported P-3 land-based, sea surveillance and anti-submarine warfare squadrons. These Atlantic Fleet Squadrons conduct operational and training flights from Brunswick, and rotationally deploy to bases in the Atlantic Ocean and Mediterranean. Provided support to one Reserve C-130										
(Continued On DD 1390C)										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N60087 NAVAL AIR STATION BRUNSWICK, MAINE		4. Command Commander in Chief Atlantic Fleet	5. Area Constr Cost Index 1.02
<p>(...continued)</p> <p>Squadron. NAS also provides bachelor housing support to ships in precommissioning status or undergoing overhaul of Bath (ME) Iron Works Shipyard.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE			4. Project Title P-3 SUPPORT FACILITY		
5. Program Element 0204696N	6. Category Code 211.45	7. Project Number 189	8. Project Cost 3,100		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
P-3 SUPPORT FACILITY (10,269 SF)	m2	954	-	2,000	
P-3 SUPPORT FACILITY (10,269 SF)	m2	954	1,727	(1,650)	
ADDITIONAL REINFORCING EXTERIOR WALLS	LS	-	-	(30)	
ACOUSTICAL INSULATION	LS	-	-	(40)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)	
INTERIOR VIBRATION SENSOR SYSTEM	LS	-	-	(10)	
CCTV CAMERAS AND MONITORS	LS	-	-	(10)	
PROCESSING AND SWITCHING SYSTEM	LS	-	-	(20)	
HINGED DOORS (STC 50-55)	LS	-	-	(40)	
INFORMATION SYSTEMS	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(20)	
WINTER CONSTRUCTION	LS	-	-	(70)	
RELOCATE BLDG 617	LS	-	-	(50)	
SUPPORTING FACILITIES	LS	-	-	780	
ELECTRICAL UTILITIES	LS	-	-	(210)	
MECHANICAL UTILITIES	LS	-	-	(270)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(220)	
COMMUNICATIONS	LS	-	-	(80)	

SUBTOTAL	-	-	-	2,780	
Contingency (5.0%)	-	-	-	140	

TOTAL CONTRACT COST	-	-	-	2,920	
Supervision Inspection & Overhead (6.0%)	-	-	-	180	

TOTAL REQUEST	-	-	-	3,100	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Project will construct a single story building with a 4.3 m interior clear space in the maintenance area. Construction materials will be typical masonry and reinforced concrete with emphasis on security and sound attenuation. The maintenance area will include a garage with three pair swinging (hinged) doors STC Rating 50-55. The remaining space will be typical administrative area and automated data processing (ADP) spaces. The facility will house secure administrative spaces. Provisions for an Intrusion Detection System, as well as interior/exterior security cameras,</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 189
<p>(...continued)</p> <p>will be included. All occupied rooms will be sound attenuated to STC 45. Utilities will be connected to the base-wide distribution system. A back-up generator (150 KV) for computers, heating, ventilation, and air conditioning, lighting and security will be provided. Connection to the base communication and local area networks will also be provided. Fire protection will be provided in accordance with U.S. codes as well as design to Seismic Zone 1. Technical operating manuals will be provided. Project will relocate Bldg 617. Electrical utilities include perimeter lighting.</p>		
<p>11. Requirement: <u>954 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new P-3 Support Facility in the vicinity of the Fixed Wing Patrol (VP) Hangar at Naval Air Station, Brunswick, Maine. (Current mission)</p> <p>REQUIREMENT:</p> <p>An adequate facility is needed to meet support requirements for the P-3 necessitated by increased workloads on P-3 aircrews. The facility will be used to provide aircrew training, store essential equipment, and conduct required system repair, modernization and maintenance necessary to support the aircraft's systems, which cannot be provided by existing facilities.</p> <p>The facility must be located in the vicinity of the VP hangars, and be on the flight line. A site adjacent to VP hangar at NAS Brunswick has been identified. This facility will house secure administrative spaces and will require the following security measures: alarms in office spaces, 'unclear' security lights, an approved PA/CD system, badge reader security system, intrusion detection system (IDS), and a security camera system. The maximum occupancy will typically be 40-60 personnel. The maintenance area must have a straight run access from the exterior of 24.5 m (80 ft). The garage area requires a 4.3 m (14 ft) ceiling height, and adequate lighting for maintenance activities. An epoxy floor topping of 6 mil in the mechanical room will be included.</p> <p>CURRENT SITUATION:</p> <p>No suitable facility exists to satisfy this P-3 support requirement.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The P-3 mission will suffer since existing facilities cannot support the</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 189
<p>(...continued)</p> <p>total aircraft system maintenance and training requirements. Without the specific mission support provided by the proposed facility, the P-3 mission will fall far short of required readiness and performance levels and will ultimately be unsuccessful, with specific deleterious effect on the overall fleet operations.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/00</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 08/01</p> <p>(D) Percent Complete As Of September 2000..... 5%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 375</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 375</p> <p>(D) Contract..... 300</p> <p>(E) In-House..... 75</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 09/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 189
<p>(...continued)</p> <p>Activity POC: BRUCE WYMAN Phone No: 860 476 1704</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE			4. Project Title AIRCRAFT MAINTENANCE HANGAR		
5. Program Element 0204696N	6. Category Code 211.05	7. Project Number 121	8. Project Cost 41,665		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
AIRCRAFT MAINTENANCE HANGAR (184,450 SF)		m2	17,136	-	29,090
BUILDING (167,454 SF)		m2	15,557	1,737	(27,020)
BUILT IN EQUIPMENT		LS	-	-	(320)
ANTI-TERRORISM FORCE PROTECTION		LS	-	-	(150)
INFORMATION SYSTEMS		LS	-	-	(300)
AIRFIELD SUPPORT BUILDING (16,996 SF)		m2	1,579	823	(1,300)
SUPPORTING FACILITIES		LS	-	-	7,050
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(990)
ELECTRICAL UTILITIES		LS	-	-	(380)
CIVIL/MECHANICAL UTILITIES		LS	-	-	(1,380)
PAVING AND SITE IMPROVEMENTS		LS	-	-	(2,320)
DEMOLITION		LS	-	-	(1,980)
SUBTOTAL		-	-	-	36,140
Contingency (5.0%)		-	-	-	1,810
TOTAL CONTRACT COST		-	-	-	37,950
Supervision Inspection & Overhead (6.0%)		-	-	-	2,275
SUBTOTAL		-	-	-	40,225
DESIGN BUILD DESIGN COST		LS	-	-	1,440
TOTAL REQUEST		-	-	-	41,665
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Construct a six-bay, Type II Aircraft Maintenance Hangar with additional 01/02 space for the Organizational Maintenance Department (OMD), Transient line, station helicopters, and an airfield support building to house the airfield's snowplows. Construction to include pile foundation and structural floors, concrete masonry and insulated metal panel walls, protected insulated metal sliding doors, exterior steel truss roof structure, built up roof with insulated metal decking. Interior space includes 5-ton bridge crane, Aqueous Film Forming Foam (AFFF) and wet pipe sprinkler systems, administrative, crew and equipment storage spaces. Additional items include electrical, mechanical, heating, ventilation and air conditioning (HVAC) and information systems. Site improvements</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title AIRCRAFT MAINTENANCE HANGAR		7. Project Number 121
<p>(...continued)</p> <p>include utility extensions, apron repairs, vehicle parking, landscaping and antiterrorism/force protection measures. Existing Aircraft Maintenance Hangars 1 and 3 (16,984 m2) will be demolished as part of this project.</p>		
<p>11. Requirement: <u>17,136 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new six-bay, Type II aircraft maintenance hangar. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate hangar, crew, equipment and administrative spaces are required to support operational aircraft stationed at Naval Air Station Brunswick. Naval Air Station, Brunswick is home to four active-duty and one reserve P-3 squadrons, a reserve C-130 squadron, and 2 H-1 Helicopters, that provide Search and Rescue capabilities for the fleet. The mission of the active-duty P-3 squadrons is to provide U.S. and NATO theater commanders with combat-ready P-3C squadrons capable of sustained, worldwide operations, independently or in direct support of Carrier and Amphibious Battle Groups. The original mission of the P-3 Navy was anti-submarine warfare (ASW) and included the tracking, identification, and threat response to foreign submarines. But as the foreign threats have diminished, the P-3 mission has expanded to also include intelligence, surveillance, reconnaissance, counter-narcotics, search and rescue, and mining. All of the active-duty squadrons are on 18-month cycles, with each squadron home for 12 months and forward deployed for six months. Three of the active-duty squadrons, VP-8, VP-10, and VP-26, are in continual rotation with the NAS Jacksonville squadrons, providing continuous support in Iceland, Sigonella, Puerto Rico, Panama, and other foreign sites during their deployments. The remaining active-duty squadron, VPU-1, is attached to the U.S. Joint Chiefs of Staff, and provides direct mission support to them.</p> <p>CURRENT SITUATION:</p> <p>Aircraft maintenance is currently conducted throughout four hangar buildings on the flight line. Two of these, Hangars 1 and 3, are wood-frame buildings originally built in 1942 for the P-2V airplane, the predecessor to the P-3. These original wood truss buildings have been partially retrofitted to accommodate the newer airframe. Hangar 1 was modified to allow a P-3 to fit into the hangar without requiring nose jacking to accommodate the higher tail of the P-3. Hangar 3 has only had</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title AIRCRAFT MAINTENANCE HANGAR		7. Project Number 121
<p>(...continued)</p> <p>upgrades to two of its bays. The wood trusses have significant deterioration to the structural members, and, in several instances, have required shoring to prevent imminent failure. The wood truss system consists of 26 wood trusses supported by a wood girder truss. Each truss is 120 feet long and 14 feet deep fabricated of multiple 2-inch by 14-inch members fastened with bolts and blind split ring connectors. This system requires a complete inspection of each member and joint every five years. Analysis has shown that even after the latest repair the maximum allowable snow load possible from the system is only 26 pounds per square foot. A 1988 study confirmed the hangars' roof truss capacity at 26 pounds per square foot. Current Navy standards (American Society of Civil Engineers 7-95) for the Brunswick, ME area require a roof snow load of 50 pounds/square foot. Hangar 1 had a catastrophic failure of the truss system in 1992 that required emergency repairs to prevent roof collapse. Hangar 3 is proceeding along a similar course and currently has metal shoring in two of the operational bays to provide additional support to the members. The base's third World War II hangar, Hangar 2, experienced a high level of structural deterioration requiring shoring throughout the building and was demolished in May of 2000.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If a new hangar is not provided, the station will continue to operate in inadequate and structurally deficient facilities, subjecting personnel to inadequate working conditions and potentially life-threatening situations from a structural collapse. Hangars 1 and 3 will continue to deteriorate with the potential for catastrophic failure in portions of the timber roof trusses. Structural failure of either of these buildings would result in possible loss of life and/or aircraft and would directly impact the Station's ability to complete its operational mission.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 08/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title AIRCRAFT MAINTENANCE HANGAR		7. Project Number 121
<p>(...continued)</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1091</p> <p>(B) All Other Design Costs..... 364</p> <p>(C) Total..... 1455</p> <p>(D) Contract..... 364</p> <p>(E) In-House..... 1091</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 08/02</p> <p>(6) Construction Completion..... 12/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: BRUCE WYMAN Phone No: 860 476 1704</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE			4. Project Title BACHELOR ENLISTED QUARTERS	
5. Program Element 0204696N	6. Category Code 721.11	7. Project Number 182	8. Project Cost 22,630	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (129,920 SF)	m2	12,070	-	18,260
BUILDING (129,920 SF)	m2	12,070	1,465	(17,680)
BUILT-IN EQUIPMENT	LS	-	-	(170)
INFORMATION SYSTEMS	LS	-	-	(70)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
ANTI-TERRORISM FORCE PROTECTION	LS	-	-	(250)
SUPPORTING FACILITIES	LS	-	-	1,340
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(300)
ELECTRICAL UTILITIES	LS	-	-	(250)
MECHANICAL UTILITIES	LS	-	-	(200)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(250)
DEMOLITION	LS	-	-	(340)

SUBTOTAL	-	-	-	19,600
Contingency (5.0%)	-	-	-	980

TOTAL CONTRACT COST	-	-	-	20,580
Supervision Inspection & Overhead (6.0%)	-	-	-	1,230

SUBTOTAL	-	-	-	21,810
DESIGN BUILD DESIGN COST	LS	-	-	820

TOTAL REQUEST	-	-	-	22,630
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Constructs a Transient Visitors Quarters (TVQ) with 125 "2+0" modules. Building will be concrete frame and foundation, concrete masonry unit centerline walls, metal stud partition walls, and stucco exterior finish. Interior construction will include a pitched, standing seam metal roof with batt insulation, laminated, insulated aluminum framed windows, and wall, floor and ceiling finishes. The rooms will have individually controlled air-conditioning. The individual bedrooms and lounges will include cable TV, computer modem and telephone hook-ups. The building will be handicapped accessible (passenger/freight elevator) and will include a fire protection system with sprinklers and alarms. Building contains a building manager's office, laundry, lounges, a vending area and</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 182
<p>(...continued)</p> <p>individual storage areas with lockers. Site work includes pavements, utilities, and other related landscaping and anti-terrorism/force protection features. The latest environmentally friendly, energy efficient materials and building operating systems will be incorporated into the building design. Includes demolition of three buildings.</p> <p>Intended Grade Mix: 250 E4-E6 Maximum Utilization: 500 E1-E4</p>		
<p>11. Requirement: <u>1,024 PN</u> Adequate: <u>626 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Project will provide 250 sleeping rooms of adequate on-base Transient Visitors Quarters (TVQ) for transient personnel assigned to the Naval Air Station, Brunswick, Maine. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate Transient Visitors Quarters are required for transient personnel assigned to NAS Brunswick. The primary mission for the Naval Air Station Brunswick is to provide support and services for the air squadrons which use the station as a homeport to patrol the North Atlantic. Four active duty and two reserve duty squadrons are homeported at NAS Brunswick. One squadron is rotated regularly for overseas deployment. Typical rotational deployment results in personnel spending approximately nine to twelve months at NAS Brunswick before shifting into a six month rotation, leading to difficulty in obtaining/maintaining off-base housing. In addition to the requirement to house transients associated with the air squadrons, NAS Brunswick, as the nearest Navy facility to Bath Iron Works, is responsible for providing housing for transient sailors whose ships are in overhaul at that facility.</p> <p>Housing of transient personnel is considered a 'must house' priority. The average transient loading projection at NAS Brunswick for FY 2002 and FY 2003 was 428 enlisted and officers annually. The scope of this project is based on a projected FY 2004 transient loading of 335 E4-E9.</p> <p>CURRENT SITUATION:</p> <p>NAS Brunswick currently operates ten BEQ's, constructed in the 1954 time frame, for permanent party and transient personnel. These barracks, originally configured with open bay berthing and gang showers, have been renovated numerous times and are deteriorated to the point where they cannot be economically repaired. Six of these buildings are scheduled for</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 182
<p>(...continued)</p> <p>demolition as part FY 2000 P-174, the first phase of this BEQ modernization plan, and will be replaced. After completion of P-174, transient enlisted personnel will be assigned to one of the remaining four inadequate barracks, which can only satisfy approximately 75 percent of the requirement. When these are filled, transient personnel are forced to find housing on the economy, which generates per diem costs which must be borne by the sponsoring Navy command. NAS Brunswick is located in an area with limited affordable off-base housing; there are few rental opportunities for personnel on rotational deployments typically lasting less than 12 months. Building 512 is available for housing of transient officers, but this facility satisfies only approximately 77 percent of the transient officer requirement. When space is not available, officers must also resort to finding housing on the economy, incurring costly per diem expenses to their commands.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, the base will continue to use inadequate barracks buildings or send sailors to the local area to find scarce affordable off base housing, a practice that is costly and detrimental to the sailor's morale, and adversely affects their stay while at NAS Brunswick. Annual projected TAD costs are in excess of \$1.5M in response to an average of 3,083 non-availability issuings, totaling 24,115 room nights.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 03/02</p> <p>(C) Date Design Complete..... 06/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N60087 NAVAL AIR STATION BRUNSWICK, MAINE		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 182
<p>(...continued)</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 200</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 200</p> <p>(D) Contract..... 100</p> <p>(E) In-House..... 100</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 06/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 138</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 141</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 264</p> <p>Activity POC: BRUCE WYMAN Phone No: 860 476 1704</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N00421 NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER MARYLAND						4. Command Naval Air Systems Command			5. Area Constr Cost Index 1.08	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	826	1,894	6,588	0	0	0	81	27	0	9,416
	953	2,285	5,882	0	0	0	81	27	0	9,228
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (13,812.00)										
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 718,632.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 10,440.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 13,030.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 34,900.00										
g. REMAINING DEFICIENCY..... 192,988.00										
h. GRAND TOTAL..... 969,990.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>						
				<u>Start</u>	<u>Complete</u>					
321.10	MARINE OCEAN SCIENCE LAB (8,288 SF)	770 m2	2,260	12/99	06/01					
317.25	ADV SYSTEMS INTEG FAC (VI) (168,272 SF)	15,633 m2	10,770	06/00	03/01					
TOTAL			13,030							
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
311.25	AIRCRAFT PROTOTYPE FAC (90,255 SF)	8,385 m2	34,900							
TOTAL			34,900							
c. Real Property Maintenance Backlog (\$000): \$ 151,139										
10. Mission Or Major Functions:										
<p>Test and evaluate aircraft and weapon systems, components, and their related equipment for Fleet use. Station also supports tactical support squadrons and the Navy Test Pilot School. Supports the Naval Air Systems Command Headquarters and supports elements of the Naval Research Laboratory; Flight Support Detachment Air Test and Evaluation Squadron VX-1; Navy Test Pilot School; Fleet Air Reconnaissance Squadron (alert site).</p>										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N00421 NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER MARYLAND		4. Command Naval Air Systems Command	5. Area Constr Cost Index 1.08
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER, AIRCRAFT DIVISION, PATUXENT RIVER, MARYLAND			4. Project Title ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)		
5. Program Element 0605896N	6. Category Code 317.25	7. Project Number 389E	8. Project Cost Auth 0 Appr 10,770 Auth for Appr 10,770		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ADVANCED SYSTEM INTEGRATION FACILITY (PHAS (168,272 SF)	m2	15,633	-	47,130	
BUILDING (168,272 SF)	m2	15,633	1,378	(21,540)	
ANECHOIC CHAMBER ANTE-CHAMBER PREP AREA	LS	-	-	(20,210)	
BUILT-IN EQUIPMENT	LS	-	-	(4,950)	
TECHNICAL OPERATING MANUALS	LS	-	-	(430)	
SUPPORTING FACILITIES	LS	-	-	6,580	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,390)	
ELECTRICAL UTILITIES	LS	-	-	(1,450)	
PAVING, SITE IMPROVEMENTS, AND SOIL REMOVAL	LS	-	-	(1,170)	
MECHANICAL UTILITIES	LS	-	-	(1,120)	
DEMOLITION	LS	-	-	(1,450)	

SUBTOTAL	-	-	-	53,710	
Contingency (5.0%)	-	-	-	2,690	

TOTAL CONTRACT COST	-	-	-	56,400	
Supervision Inspection & Overhead (6.0%)	-	-	-	3,370	

SUBTOTAL	-	-	-	59,770	
LESS PHASES I THROUGH V FUNDING		-	-	-49,000	

TOTAL REQUEST	-	-	-	10,770	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Steel-frame building extension with three-story mezzanines on three sides, reinforced concrete mat foundation, concrete floors, insulated composite steel wall panels, membrane roof, raised computer flooring, passenger and freight elevator, radio frequency shielding, radar absorbing material, intrusion detection and closed circuit television systems, physical security, sound isolation, heating and air conditioning, utilities, fire protection, emergency generator, aircraft support equipment system, aircraft towway, fire pumphouse, laboratories, control rooms, uninterruptible power supply, contaminated soil removal, technical operating manuals, paving, site improvements, and demolition.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER, AIRCRAFT DIVISION, PATUXENT RIVER, MARYLAND		
4. Project Title ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)		7. Project Number 389E
<p>(...continued)</p> <p>11. Requirement: <u>15,633 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provides the sixth and final phase of the Advanced System Integration Lab (ASIL) Large Anechoic Chamber facility with labs and research support facilities for the development and operational test and evaluation of one large or up to four smaller tactical-sized Navy aircraft simultaneously. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required for test and evaluation of DOD/commercial aircraft on the ground and in a secure environment. Naval Air Warfare Center-Aircraft Division's (NAWCAD) mission is to be the principal T&E activity for aircraft and related systems. The Air Combat Environmental Test and Evaluation Facility (ACETEF) is the Navy's primary Installed System Test Facility (ISTF) and will have interconnected laboratories to an Anechoic chamber, for multiple tactical sized aircraft. The ASIL, provided in earlier phases, has become an integral part of this test complex and is located near the ACETEF, but lacks the benefits of adjoining simulators, and test equipment. The ASIL is designed to test large aircraft or multiple tactical size aircraft, but without adjacency and permanent lab facilities to test aircraft systems that have a direct signal access to/from test articles, there will be signal losses that will cause delays in Air Warfare programs. This phase will provide the closely coupled labs to test and evaluate most DoD/commercial aircraft on the ground in a secure environment. The ASIL and associated integrated labs will fill the requirements set forth by Acquisition Reform, Simulation Based Acquisition, and DoD Guidelines of Simulation, Test and Evaluation Process, and TEMPEST and Electromagnetic Testing. The emphasis is to provide the Fleet with interoperable/functional aircraft and aircraft systems in a cost/schedule/performance efficient manner. The lab space will permit integration of simulation and stimulation equipment with the chamber, further enhancing ASIL's cost/schedule/performance benefits to the fleet. Furthermore, the requirement of ensuring aircraft and associated systems delivered to the fleet are interoperable in a Network Centric Warfare (NCW) operational environment, will require T&E of legacy and future large aircraft (E-2, P-3, E-6). T&E of actual systems via a facility like ASIL interconnected with NAVSEA, SPAWAR, and industry facilities will mitigate the recent interoperability deficiencies experienced by the Fleet.</p> <p>CURRENT SITUATION:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER, AIRCRAFT DIVISION, PATUXENT RIVER, MARYLAND		
4. Project Title ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)		7. Project Number 389E
<p>(...continued)</p> <p>Prior to the beginning of this project, the existing test facilities could not accommodate the larger and more technologically advanced aircraft and multiple aircraft testing. Phases (I-V) provided a large, secured RF Anechoic Chamber to meet these requirements and to test full threat system compatibility. Currently there are no adjacent labs to the Chamber required to provide the interconnectivity of labs for aircraft testing.</p> <p>Air Combat Environmental Test and Evaluation Facility has on contract \$78.4M in equipment to be located at the Advanced System Integration Labs (ASIL). Joint Communications Stimulator (JCS), the Generic Radar Target Generator (GRTG), and the Infrared Scene Simulator (IRSS) labs will receive this equipment. Without adjacent labs, use of portable vans connected via umbilical cord into the perimeter of the ASIL would have to be provided for equipment housing. This would require costly modifications to the JCS, GRTG and IRSS due to environment/vibration conditions while housed in these vans. These modifications will increase cost and schedule of projects at the ASIL and also affect test operation efficiency.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Large aircraft programs (EP-3, E-2, etc.) and programs requiring multiple aircraft testing (i.e. F/A-18 and E-2C testing interoperability requirements) will experience testing delays and increased costs. One day of slip in a typical program can equate to as much as \$1M per day in increased cost. This risk is due directly to the simulator and stimulator location in vans.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/00</p> <p>(B) Date Design 35% Complete..... 10/00</p> <p>(C) Date Design Complete..... 03/01</p> <p>(D) Percent Complete As Of September 2000..... 30%</p> <p>(E) Percent Complete As Of January 2001..... 75%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER, AIRCRAFT DIVISION, PATUXENT RIVER, MARYLAND		
4. Project Title ADVANCED SYSTEM INTEGRATION FACILITY (PHASE VI)		7. Project Number 389E
<p>(...continued)</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 306</p> <p>(C) Total..... 306</p> <p>(D) Contract..... 102</p> <p>(E) In-House..... 204</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 11/01</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR CHARLES MILLER Phone No: (301) 757-4829</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER, MARYLAND			4. Project Title RANGE OPS SUPPORT FACILITY		
5. Program Element 0605001N	6. Category Code 321.10	7. Project Number 454	8. Project Cost 2,260		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
RANGE OPS SUPPORT FACILITY (8,288 SF)		m2	770	-	1,300
BUILDING (8,288 SF)		m2	770	1,471	(1,130)
INFORMATION SYSTEMS		LS	-	-	(30)
ANTI-TERRORISM/FORCE PROTECTION		LS	-	-	(20)
TECHNICAL OPERATING MANUALS		LS	-	-	(20)
BUILT-IN EQUIPMENT		LS	-	-	(100)
SUPPORTING FACILITIES		LS	-	-	730
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(150)
ELECTRICAL UTILITIES		LS	-	-	(50)
MECHANICAL UTILITIES		LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS		LS	-	-	(260)
DEMOLITION		LS	-	-	(240)
SUBTOTAL		-	-	-	2,030
Contingency (5.0%)		-	-	-	100
TOTAL CONTRACT COST		-	-	-	2,130
Supervision Inspection & Overhead (6.0%)		-	-	-	130
TOTAL REQUEST		-	-	-	2,260
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>One story, concrete masonry bearing wall and steel frame construction, slab on grade, pile foundation, built-up roof, insulated metal deck, heating, ventilation, and air conditioning system, fire protection system, air compressor, battery charging station, technical operating manuals, force protection with intrusion detection security system, fencing, security lighting, sea wall cap, paving, parking, site improvements, and demolition of existing building with asbestos and lead paint abatement.</p>					
11. Requirement: <u>770 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
Constructs a waterfront operations and range laboratory and support facility. (Current mission)					
REQUIREMENT:					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER, MARYLAND		
4. Project Title RANGE OPS SUPPORT FACILITY		7. Project Number 454
<p>(...continued)</p> <p>An adequate waterfront facility located in close proximity to the Atlantic Test Range operating areas is required to host the Marine Operations and Targets Branch (MO&T) mission. The MO&T provides the Atlantic fleet the training required to be proficient against cruise missile threats and to deploy at the highest state of readiness. It provides target and threat simulation systems that support the acquisition process and research, development, test, and evaluation required to deliver advanced weapon systems that meet the warfighter's demands. Programs and projects supported include F-18E/F, Hellfire, Tomahawk, AEGIS Combat Qualification Tests, future surface combatant development programs, and joint fleet exercises. The MO&T conducts approximately 400 operations a year in support of over 30 Navy programs.</p> <p>CURRENT SITUATION:</p> <p>MO&T currently resides in Building 214. Building 214 is a ''temporary'' wooden structure built in 1944 that sustained heavy fire damage and was repaired in the 1950's. It is located within the 100-year floodplain and suffers periodic water intrusion during storms and high seas. The building's foundation is badly deteriorated and in need of repair. Due to flooding caused by a Northeast storm in 1989, the branch's electronic laboratory was relocated to higher ground into an on-site contractor leased facility (201 M2).</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Building 214 will continue to deteriorate and will eventually collapse. If this occurs, the ability to support Atlantic Fleet and NAWCAD testing and training exercises will be at risk, resulting in increased operational costs and delays to Navy programs. The Range would lose the ability to rapidly respond to flight schedule changes and emergency situations. To continue MO&T operations from Building 214 would require a major repair effort to maintain a safe working environment.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00421 NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER, MARYLAND		
4. Project Title RANGE OPS SUPPORT FACILITY		7. Project Number 454
<p>(...continued)</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 06/01</p> <p>(D) Percent Complete As Of September 2000..... 20%</p> <p>(E) Percent Complete As Of January 2001..... 40%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 70</p> <p>(B) All Other Design Costs..... 100</p> <p>(C) Total..... 170</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 170</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 10/01</p> <p>(6) Construction Completion..... 10/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR CHARLES MILLER Phone No: (301) 757-4829</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																							
3. Installation and Location/UIC: N0464A NAVAL EXPLOSIVE ORDNANCE TECHNICAL DIV INDIAN HEAD MARYLAND				4. Command Naval Sea Systems Command			5. Area Constr Cost Index 0.96																							
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	66	485	2,199	0	41	0	1	9	0	2,801																				
	69	491	2,325	0	41	0	3	0	0	2,929																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (0.00)																														
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 25,312.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 6,430.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 1,250.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																														
g. REMAINING DEFICIENCY..... 0.00																														
h. GRAND TOTAL..... 32,992.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Category</td> <td style="width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Cost</td> <td style="width: 10%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>(\$000)</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>216.60</td> <td>JT SVC EOD EQUIP MAG EVAL (1,927 SF)</td> <td>179 m2</td> <td>1,250</td> <td>12/99 02/01</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>1,250</td> <td></td> </tr> </table>											Category			Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	216.60	JT SVC EOD EQUIP MAG EVAL (1,927 SF)	179 m2	1,250	12/99 02/01	TOTAL			1,250	
Category			Cost	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
216.60	JT SVC EOD EQUIP MAG EVAL (1,927 SF)	179 m2	1,250	12/99 02/01																										
TOTAL			1,250																											
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
None																														
b. Major Planned Next Three Years:																														
None																														
c. Real Property Maintenance Backlog (\$000): \$ 9,138																														
10. Mission Or Major Functions:																														
<p>Conduct ordnance countermeasure research and development for foreign ordnance component exploitation. Life cycle manager for explosive ordnance disposal (EOD) procedures, publications and equipment to counter explosive ordnance being developed by major powers, third world countries and terrorist groups. Sole responsibility within DOD to provide the technology and equipment to counter terrorist initiated Improvised Nuclear Devices. Serve as lead for Range Clearance Program to effectively detect and clear surface/ sub-surface and underwater unexploded ordnance contamination from Government property.</p>																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N0464A NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND			4. Project Title JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY		
5. Program Element 0605896N	6. Category Code 216.60	7. Project Number 759	8. Project Cost 1,250		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
EOD EQUIPMENT MAGNETIC EVAL FAC (1,927 SF)	M2	179	-	480	
BUILDING (1,927 SF)	M2	179	1,897	(340)	
INFORMATION DATA SYSTEMS	LS	-	-	(10)	
BUILT-IN EQUIPMENT	LS	-	-	(120)	
TECHNICAL OPERATING MANUALS	LS	-	-	(10)	
SUPPORTING FACILITIES	LS	-	-	610	
ELECTRICAL UTILITIES	LS	-	-	(100)	
MECHANICAL UTILITIES	LS	-	-	(80)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(80)	
DEMOLITION	LS	-	-	(350)	

SUBTOTAL	-	-	-	1,090	
Contingency (5.0%)	-	-	-	50	

TOTAL CONTRACT COST	-	-	-	1,140	
Supervision Inspection & Overhead (6.0%)	-	-	-	70	

SUBTOTAL	-	-	-	1,210	
DESIGN/BUILD - DESIGN COST	LS	-	-	40	

TOTAL REQUEST	-	-	-	1,250	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
One-story, wood-frame building, concrete slab floor and foundation, asphalt shingle over wood frame roof, heating, ventilation, and air conditioning system, asphalt access road and parking area, utilities, and demolition of eleven buildings.					
11. Requirement: <u>179 M2</u> Adequate: <u>0 M2</u> Substandard: <u>0 M2</u>					
PROJECT:					
Constructs a building and support facilities for magnetic signature testing of ordnance and explosive and non-explosive tools and equipment. (Current mission)					
REQUIREMENT:					
Adequate and efficiently configured facilities are required for					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N0464A NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND		
4. Project Title JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY		7. Project Number 759
<p>(...continued)</p> <p>performance of magnetic signature testing of Explosive Ordnance Disposal (EOD) tools and equipment, such as the MK 16 and MK 25 Underwater Breathing Apparatus, the AN/PQS-2A Diver Hand Held Sonar, MK 4 Life Vest, MK 2 Flotation Bladder, MK 25 Ordnance Locator, and the MK 86, 87 and 89 Underwater Explosive Charges as well as numerous special hand tools and disarming devices. Many U.S. and foreign ordnance items are activated by magnetic influence. The magnetic signature testing that will be conducted at this location assures that EOD tools and equipment are safe to use in proximity to magnetic influenced ordnance. Non-magnetic certified tools and equipment allow Joint Service EOD operators to locate, identify, and render safe magnetic triggered ordnance. Each individual nonmagnetic EOD tool or piece of equipment must be tested to verify that it has an acceptably low magnetic signature before it is issued for use. The facility will also provide support during the development of new nonmagnetic EOD equipment to counter emerging threats. An equipment's certification as nonmagnetic is a ''critical'' requirement, meaning that failure to comply can cause loss of life or mission failure. This facility will be the only location performing the critical function for all Joint Service EOD forces.</p> <p>CURRENT SITUATION:</p> <p>The existing building is a circa World War I wooden structure which is an advanced state of deterioration due to flooding and termite damage. The facility is also too small to meet projected test workload. Testing and related material handling, marking and packaging are performed with major difficulty due to the existing facility conditions and inadequate floor space. It is not possible to operate different phases of testing or to run multiple tests concurrently. Currently, approximately 25,000 items are tested each month and the facility is working at full capacity. Workload has increased by 25 percent in recent years causing a substantial backlog or increasing operating costs for overtime or extra shifts. A testing backlog results in delayed delivery of critical equipment to our EOD forces and delayed processing of Government contract material. At some point the current building will become unfit to house this operation due to continued deterioration.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Joint Service EOD forces are a key element in military actions like Desert Storm and Bosnia. This facility is the only location performing the nonmagnetic testing necessary to provide these EOD forces with mission critical equipment. Without this project it will be necessary to continue</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N0464A NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND		
4. Project Title JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY		7. Project Number 759
<p>(...continued)</p> <p>to conduct this essential function in a cramped, deteriorated, building which is barely able to support existing workloads, much less projected workload increases. Continued use of this inadequate facility will result in increased risk to the EOD operators. They will be required to use less than optimum equipment, which will ultimately result in reduced EOD mission readiness.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 02/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 55</p> <p>(C) Total..... 55</p> <p>(D) Contract..... 20</p> <p>(E) In-House..... 35</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 12/01</p> <p>(6) Construction Completion..... 10/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: N0464A NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY CENTER, INDIAN HEAD, MARYLAND		
4. Project Title JOINT SERVICE EOD EQUIPMENT MAGNETIC EVALUATION FACILITY		7. Project Number 759
<p>(...continued)</p> <p>Activity POC: LCDR MICHAEL BLUMENBERG Phone No: 301-743-4288</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01													
3. Installation and Location/UIC: N62604 CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI						4. Command Commander in Chief Atlantic Fleet`			5. Area Constr Cost Index 0.92											
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total										
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian											
	178	3,170	1,295	0	414	0	27	191	0	5,275										
	212	3,137	1,776	0	551	0	38	86	0	5,800										
7. INVENTORY DATA (\$000)																				
a. TOTAL ACREAGE (4,500.00)																				
b. INVENTORY TOTAL AS OF 30 Sep 1999..... 186,032.00																				
c. AUTHORIZATION NOT YET IN INVENTORY..... 23,530.00																				
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 21,660.00																				
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																				
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																				
g. REMAINING DEFICIENCY..... 8,740.00																				
h. GRAND TOTAL..... 239,962.00																				
8. Projects Requested In This Program:																				
Category																				
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> <th style="text-align: left;"><u>Design Status</u></th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th><u>Start</u> <u>Complete</u></th> </tr> </table>											<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>					<u>Start</u> <u>Complete</u>
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>																
				<u>Start</u> <u>Complete</u>																
441.71 MOBILIZATION OPS FACILITY 8,865 m2 7,360 05/00 03/02																				
(95,422 SF)																				
721.11 BEQ REPLACEMENT (80,622 SF) 7,490 m2 14,300 12/99 10/02																				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="3">TOTAL</td> <td style="text-align: right;">21,660</td> <td></td> </tr> </table>														-----		TOTAL			21,660	

TOTAL			21,660																	
9. Future Projects:																				
a. Included In The Following Program (FY 2003):																				
None																				
b. Major Planned Next Three Years:																				
None																				
c. Real Property Maintenance Backlog (\$000): \$ 24,564																				
10. Mission Or Major Functions:																				
Support the Naval Construction Force, Fleet units and assigned organizational units deployed from or homeported at the Center; support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced based and mobilization stocks.																				
11. Outstanding Pollution And Safety Deficiencies (\$000):																				
a. Pollution Abatement (*): \$ 0																				
b. Occupational Safety And Health (OSH) (#): \$ 0																				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI			4. Project Title MOBILIZATION OPERATIONS FACILITY		
5. Program Element 0702896N	6. Category Code 441.71	7. Project Number 734	8. Project Cost 7,360		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
MOBILIZATION OPERATIONS FACILITY (95,422 SF)	m2	8,865	-	5,380	
BUILDING (95,422 SF)	m2	8,865	582	(5,160)	
BUILT-IN EQUIPMENT	LS	-	-	(130)	
TECHNICAL OPERATING MANUALS	LS	-	-	(90)	
SUPPORTING FACILITIES	LS	-	-	1,000	
ELECTRICAL UTILITIES	LS	-	-	(220)	
MECHANICAL UTILITIES	LS	-	-	(180)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(600)	

SUBTOTAL	-	-	-	6,380	
Contingency (5.0%)	-	-	-	320	

TOTAL CONTRACT COST	-	-	-	6,700	
Supervision Inspection & Overhead (6.0%)	-	-	-	400	

SUBTOTAL	-	-	-	7,100	
DESIGN BUILD DESIGN COST	LS	-	-	260	

TOTAL REQUEST	-	-	-	7,360	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
Construct a one-story, permanent building. The building will have an elevated floor, precast concrete walls, concrete roof deck, a spread footing foundation, built-up roofing system, heating and ventilation, dust collection system, loading docks, administrative offices, fire protection system, and technical operating manuals.					
11. Requirement: <u>8,865 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
Constructs a Mobilization Operations Facility that provides space for preparation, maintenance and deployment of materials and equipment in direct mission support of the Naval Construction Forces. (Current mission)					
REQUIREMENT:					
One of NCBC Gulfport's primary missions is outfitting for sixteen Force structure units of the Atlantic Naval Construction Force. This function					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title MOBILIZATION OPERATIONS FACILITY		7. Project Number 734
<p>(...continued)</p> <p>includes the storage, containerization, preservation, maintenance and eventual break-out and deployment of equipment, tools and supplies to perform the Naval Construction Forces (NCF's) wartime and contingency missions. NCBC Gulfport supports four active Naval Mobile Construction Battalions (NMCB) and six reserve NMCB, three Regiments, one Naval Construction Force Support Unit, one Construction Battalion Maintenance Unit, and one Underwater Construction Unit. All of which must deploy early in most contingency plans. Up to 1700 8'X8'X20' containers could be deployed within the first several months of a contingency. CBC Gulfport also extensively supports NCF units involved in Military Operations Other Than War (MOOTW). The two most recent examples are NMCB's supporting NATO forces in Bosnia/Kosovo and U.S. humanitarian assistance to Honduras in the wake of Hurricane Mitch. In order to meet aggressive timeframe requirements, a specialized facility to perform containerization operations is required.</p> <p>To meet this mission without adversely impacting other mission areas, CBC needs a dedicated facility to conduct containerization operations including: Integrated Logistic Overhaul (ILO) and Material Returned Processing (MRP) operations to mobilize the NCF. In order to meet mobilization/contingency mission schedules, the Integrated Logistics (ILO) function requires a facility designed to allow filling up to ten 8'X8'X 20' standard containers simultaneously. The facility must include a staging area for large volumes of supplies and materials to be packed into the containers. Ideally, containers stored in warehouses should be cycled through this type of facility, unloaded, material added and deleted from the containers as required, preventive maintenance performed, container inventory updated, then the container transported onto a conveyance back to the storage warehouse. ILO's occur on a regular cycle; at least two ILO's occur per year at NCBC Gulfport. As equipment and material are used for various support operations, they are either consumed or returned to NCBC Gulfport to be reconstituted (repaired, cleaned, brought back up to specifications) via the ILO process. Consumed items must be replaced.</p> <p>CURRENT SITUATION:</p> <p>NCBC Gulfport is presently using a section of a storage warehouses 1.5 miles from the MRP operation to load containers and ILO used containers. MRP is presently located in 3,700 square feet of Warehouse 320, which is too small to handle the turn-ins of supported customers. By operating these functions from existing warehouses, valuable storage space has been sacrificed to create containerization process space, creating a deficit of storage space and negatively impacting the efficiency of the ILP/MRP</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title MOBILIZATION OPERATIONS FACILITY		7. Project Number 734
<p>(...continued)</p> <p>process as well as the general storage operation at NCBC Gulfport. Other stored materials that should be stowed inside for security and protection from weather must be stowed outside due to lack of space. The lack of a raised deck in the warehouses severely hampers the speed of operations. Separation of these two functions decreases efficiency, increases cost, slows down processing and causes triple handling of material being processed. In order to accommodate the ILO/MRP functions in the container storage warehouse, NCBC Gulfport has to stack three high containers in the storage area, as opposed to the standard stacking height of two containers. Using three high container storage limits movement since the crane cannot lift the selected containers high enough to clear the three high stack. As a result, containers have to be moved out onto the floor until the selected one is uncovered and retrieved, then restacked. Additionally, empty containers have to be stowed outside in the weather which accelerates deterioration. NCBC Gulfport presently has approximately 2,000 containers and expects approximately 800 additional containers in the near future.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This project is essential for NCBC Gulfport to perform its mission. If not provided, the ILO/MRP operations will continue to conflict with storage and container movement operations, creating a deficit in container storage space and forcing outside storage of some containers, accelerating deterioration of government property. This function will continue to occupy climate controlled storage space, more appropriately used for storage of temperature sensitive materials. Other containers will continue be stacked three high within the warehouse, inhibiting the overhead handling equipment's operation, causing loss of time and efficiency.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/00</p> <p>(B) Date Design 35% Complete..... 04/01</p> <p>(C) Date Design Complete..... 03/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title MOBILIZATION OPERATIONS FACILITY		7. Project Number 734
<p>(...continued)</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 210</p> <p>(C) Total..... 210</p> <p>(D) Contract..... 30</p> <p>(E) In-House..... 180</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT BRIAN KELM Phone No: (228)-871-3320</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI			4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT	
5. Program Element 0702896N	6. Category Code 721.11	7. Project Number 763	8. Project Cost 14,300	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS REPLACEMENT (63,938 SF)	m2	5,940	-	9,390
BUILDING (63,938 SF)	m2	5,940	1,427	(8,480)
BUILT-IN EQUIPMENT	LS	-	-	(230)
INFORMATION SYSTEMS	LS	-	-	(80)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
ANTITERRORISM/FORCE PROTECTION	LS	-	-	(530)
SUPPORTING FACILITIES	LS	-	-	3,010
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(290)
MECHANICAL UTILITIES	LS	-	-	(450)
ELECTRICAL UTILITIES	LS	-	-	(490)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,330)
DEMOLITION	LS	-	-	(260)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(190)

SUBTOTAL	-	-	-	12,400
Contingency (5.0%)	-	-	-	620

TOTAL CONTRACT COST	-	-	-	13,020
Supervision Inspection & Overhead (6.0%)	-	-	-	780

SUBTOTAL	-	-	-	13,800
DESIGN BUILD DESIGN COST	LS	-	-	500

TOTAL REQUEST	-	-	-	14,300
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Three story, reinforced concrete building, concrete spread footings, concrete floors, masonry walls with brick facing; standing seam metal roof, and sound attenuation; 90 "1+1" modules with two private sleeping/living rooms, two walk-in closets, kitchenette/service area, and an adjoining full, semi-private bath shared by up to two persons; admin and lobby areas, laundry, vending, multipurpose lounge/training/game/recreation rooms, housekeeping and storage, elevators; fire detection, alarm and automatic sprinkler systems; utility and mechanical rooms, communication and cable TV system distribution;</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 763
<p>(...continued)</p> <p>heating, ventilating and air conditioning; utilities; paving, site improvements and anti-terrorism/force protection measures. Project will also include asbestos removal and demolition of two buildings.</p> <p>Intended grade mix: 180 E1-E4 Maximum Utilization: 180 E1-E4</p>		
<p>11. Requirement: <u>185 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Constructs a bachelor enlisted quarters for permanent party personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and properly configured housing facilities are required to accommodate enlisted battalion personnel while in homeport.</p> <p>CURRENT SITUATION:</p> <p>A new BEQ to house 180 enlisted personnel was completed in June 2000. The existing BEQ's that were constructed 20 years ago are being renovated by a design build contract that was awarded in July 2000. The estimated completion date for all renovations is October 2003. The R-19 Final Determination Of Bachelor Requirements still reflects a 185 person deficit after all recent construction and current renovation is complete.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, CBC Gulfport will not be able to house the number of enlisted personnel that require bachelor housing. The renovation of existing facilities to meet the berthing criteria greatly reduced the number of bachelor enlisted quarters rooms available at the Center. Without this project there will be an increased reliance on off-base housing, which is difficult to locate due to Gulfport being a critical housing area. This will greatly impact the morale of the military member and this Center's ability to accomplish its mission.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62604 NAVAL CONSTRUCTION BATTALION CENTER GULFPORT, MISSISSIPPI		
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number 763

(...continued)

(1) Status:

(A) Date Design Started..... 12/99

(B) Date Design 35% Complete..... 08/02

(C) Date Design Complete..... 10/02

(D) Percent Complete As Of September 2000..... 2%

(E) Percent Complete As Of January 2001..... 2%

(F) Type of Design Contract..... Design Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 372

(B) All Other Design Costs..... 134

(C) Total..... 506

(D) Contract..... 124

(E) In-House..... 382

(4) Contract Award..... 06/02

(5) Construction Start..... 08/02

(6) Construction Completion..... 10/04

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 160

D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 102

E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 0

Activity POC: CAPT BRIAN KELM Phone No: (228)-871-3320

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																			
3. Installation and Location/UIC: M67443 MARINE CORPS SUPPORT ACTIVITY KANSAS CITY, MISSOURI						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 1.01																	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																	
	11	48	73	0	0	0	85	511	169	897																
	10	39	86	0	0	0	85	528	166	914																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (0.00)																										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 0.00																										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 9,010.00																										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																										
g. REMAINING DEFICIENCY..... 0.00																										
h. GRAND TOTAL..... 9,010.00																										
8. Projects Requested In This Program:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>721.11</td> <td>BACHELOR ENLISTED QUARTERS</td> <td>0 LS 9,010</td> <td>06/01 10/02</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>9,010</td> <td></td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	721.11	BACHELOR ENLISTED QUARTERS	0 LS 9,010	06/01 10/02	TOTAL		9,010	
Category		Cost	Design Status																							
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																							
721.11	BACHELOR ENLISTED QUARTERS	0 LS 9,010	06/01 10/02																							
TOTAL		9,010																								
9. Future Projects:																										
a. Included In The Following Program (FY 2003):																										
None																										
b. Major Planned Next Three Years:																										
None																										
c. Real Property Maintenance Backlog (\$000): \$ 0																										
10. Mission Or Major Functions:																										
<p>Command, coordinate and supervise the disbursement of funds in payment of all active duty, reserve and retired Marine Corps members, fleet Marine Corps reserve and survivor annuitants; pay military allotments and make payment of public bills and civilian payrolls specifically assigned. Provide military personnel administration, civilian personnel administration, administrative and office services, legal assistance, management analysis and assistance, manpower control and utilization, transportation services, communications support, medical and dental services, operating budget and financial purchasing, warehousing and motor transport, family housing, safety functions for the Marine Corps Finance Center, Marine Corps Central Design and Programming Activity, and Marine Corps Reserve Support Center. Perform such other duties as may be directed by the Commandant of the Marine</p>																										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M67443 MARINE CORPS SUPPORT ACTIVITY KANSAS CITY, MISSOURI		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.01
(...continued) Corps.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M67443 MARINE CORPS SUPPORT ACTIVITY KANSAS CITY, MISSOURI			4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 002	8. Project Cost 9,010		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS (44,832 SF)	m2	4,165	-	6,970	
BACHELOR ENLISTED QUARTERS (44,832 SF)	m2	4,165	1,636	(6,810)	
INFORMATION SYSTEM	LS	-	-	(70)	
TECHNICAL OPERATING MANUALS	LS	-	-	(90)	
SUPPORTING FACILITIES	LS	-	-	850	
ELECTRICAL UTILITIES	LS	-	-	(60)	
MECHANICAL UTILITIES	LS	-	-	(50)	
PAVING AND SITE IMPROVEMENT	LS	-	-	(340)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(210)	
DEMOLITION	LS	-	-	(190)	

SUBTOTAL	-	-	-	7,820	
Contingency (5.0%)	-	-	-	390	

TOTAL CONTRACT COST	-	-	-	8,210	
Supervision Inspection & Overhead (6.0%)	-	-	-	490	

SUBTOTAL	-	-	-	8,700	
DESIGN BUILD DESIGN COSTS	LS	-	-	310	

TOTAL REQUEST	-	-	-	9,010	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a multi-story reinforced concrete masonry building with wind load upgrades, service elevator, concrete foundation and floors, and standing seam metal roofing, providing 98 rooms with semi-private bathrooms in the standard 2X0 room configuration. Building will be moment resisting steel frame with concrete masonry unit (CMU) in-fill walls (split faced block exterior), interior (CMU) walls, two-way reinforced concrete slabs and open web steel joist roof support.</p> <p>Community, and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67443 MARINE CORPS SUPPORT ACTIVITY KANSAS CITY, MISSOURI		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 002
<p>(...continued)</p> <p>air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, local area network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, multipurpose rooms, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, and replacement of asphalt paving for parade and drill field, earthwork, grading and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features, relocation of an existing tennis court; and demolition of an existing inadequate barracks building involving asbestos and lead removal.</p> <p>Maximum utilization: 196 E1-E3. Intended Grade Mix: 22 E1-E3, 47 E-4, 40 E5. Total: 109 persons.</p>		
<p>11. Requirement: <u>130 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Provides 98 2x0 configured rooms for permanent party enlisted personnel. (Current mission)</p> <p>REQUIREMENT:</p> <p>Project is required to provide adequate billeting for enlisted personnel at MCSA Kansas City, MO. This project also supports the Commandant's goal to replace all inadequate bachelor quarters with 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>There are no facilities at MCSA Kansas City that meet quality of life requirements for bachelor enlisted personnel. The existing facility was constructed in the 1950's by the Air Force. It is a wood, asbestos sided building originally designed as an open squad bay barracks. It is costly to operate and maintain and has life, safety, fire, wind-load and environmental concerns, including lead paint and asbestos. Renovation costs would exceed new construction limits and would not meet current Anti-Terrorism / Force Protection (AT/FP) guidance.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Junior enlisted personnel will continue to be housed in deteriorated, and inadequate barracks to the detriment of their morale, retention and readiness. An inequitable amount of maintenance dollars will continue to be diverted from training facilities to barracks, which will exacerbate</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67443 MARINE CORPS SUPPORT ACTIVITY KANSAS CITY, MISSOURI		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 002
<p>(...continued)</p> <p>growing readiness and training problems and increase exponentially over time as existing buildings deteriorate further.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 08/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 235</p> <p>(B) All Other Design Costs..... 78</p> <p>(C) Total..... 313</p> <p>(D) Contract..... 78</p> <p>(E) In-House..... 235</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 08/02</p> <p>(6) Construction Completion..... 07/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: JOHN HURD Phone No: (816)-984-3740</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM									2. Date 6/30/01																																																						
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE NORTH CAROLINA						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 0.94																																																							
6. Personnel Strength																																																																
<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Permanent</th> <th colspan="3">Students</th> <th colspan="3">Supported</th> <th rowspan="2">Total</th> </tr> <tr> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>a. As Of 9/30/01</td> <td>125</td> <td>1,097</td> <td>1,603</td> <td>333</td> <td>6,891</td> <td>0</td> <td>2,005</td> <td>24,839</td> <td>3,118</td> <td>40,011</td> </tr> <tr> <td>b. End FY 2007</td> <td>130</td> <td>982</td> <td>1,623</td> <td>235</td> <td>6,376</td> <td>0</td> <td>2,428</td> <td>28,535</td> <td>3,142</td> <td>43,451</td> </tr> </tbody> </table>												Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	125	1,097	1,603	333	6,891	0	2,005	24,839	3,118	40,011	b. End FY 2007	130	982	1,623	235	6,376	0	2,428	28,535	3,142	43,451												
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7. INVENTORY DATA (\$000)																																																																
a. TOTAL ACREAGE (127,507.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 106,044.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 81,850.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 67,070.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 5,320.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 57,850.00 g. REMAINING DEFICIENCY..... 415,208.00 h. GRAND TOTAL..... 733,342.00																																																																
8. Projects Requested In This Program:																																																																
<table border="1"> <thead> <tr> <th colspan="2">Category</th> <th>Scope</th> <th>Cost (\$000)</th> <th colspan="2">Design Status</th> </tr> <tr> <th>Code</th> <th>Project Title</th> <th></th> <th></th> <th>Start</th> <th>Complete</th> </tr> </thead> <tbody> <tr> <td>214.51</td> <td>ENGR EQUIP MAINT SHOP (319,204 SF)</td> <td>29,655 m2</td> <td>6,960</td> <td>12/99</td> <td>07/01</td> </tr> <tr> <td>421.22</td> <td>UPGRADE AMMO/STG MAG AREA (25,510 SF)</td> <td>2,370 m2</td> <td>5,880</td> <td>12/99</td> <td>07/01</td> </tr> <tr> <td>721.14</td> <td>BACHELOR ENLISTED QUARTERS (12,605 SF)</td> <td>1,171 m2</td> <td>13,550</td> <td>12/99</td> <td>04/02</td> </tr> <tr> <td>* 833.15</td> <td>LANDFILL CELL (478,994 SF)</td> <td>44,500 m2</td> <td>8,290</td> <td>12/99</td> <td>11/01</td> </tr> <tr> <td>721.24</td> <td>BACHELOR ENLISTED QUARTERS</td> <td>0 LS</td> <td>16,530</td> <td>12/99</td> <td>04/02</td> </tr> <tr> <td>171.10</td> <td>ACADEMIC INSTR COMPLEX</td> <td>0 LS</td> <td>15,860</td> <td>12/99</td> <td>10/02</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>67,070</td> <td colspan="2"></td> </tr> </tbody> </table>											Category		Scope	Cost (\$000)	Design Status		Code	Project Title			Start	Complete	214.51	ENGR EQUIP MAINT SHOP (319,204 SF)	29,655 m2	6,960	12/99	07/01	421.22	UPGRADE AMMO/STG MAG AREA (25,510 SF)	2,370 m2	5,880	12/99	07/01	721.14	BACHELOR ENLISTED QUARTERS (12,605 SF)	1,171 m2	13,550	12/99	04/02	* 833.15	LANDFILL CELL (478,994 SF)	44,500 m2	8,290	12/99	11/01	721.24	BACHELOR ENLISTED QUARTERS	0 LS	16,530	12/99	04/02	171.10	ACADEMIC INSTR COMPLEX	0 LS	15,860	12/99	10/02	TOTAL			67,070		
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9. Future Projects:																																																																
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b. Major Planned Next Three Years:																																																																
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(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01																
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE NORTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.94																
(...continued) <table> <tr> <td>721.11</td> <td>BACHELOR ENLISTED QUARTERS</td> <td>0 PN</td> <td>21,730</td> </tr> <tr> <td>441.12</td> <td>ORGANIZATION EQUIP STRG (33,960 SF)</td> <td>3,155 m2</td> <td>6,440</td> </tr> <tr> <td colspan="3"></td> <td>-----</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>57,850</td> </tr> </table>				721.11	BACHELOR ENLISTED QUARTERS	0 PN	21,730	441.12	ORGANIZATION EQUIP STRG (33,960 SF)	3,155 m2	6,440				-----	TOTAL			57,850
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TOTAL			57,850																
c. Real Property Maintenance Backlog (\$000): \$ 105,880																			
10. Mission Or Major Functions: Provide housing, training facilities, logistics support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools for other training as directed.																			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 8,290 b. Occupational Safety And Health (OSH) (#): \$ 0																			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BACHELOR ENLISTED QUARTERS	
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 893	8. Project Cost 13,550	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (74,056 SF)	m2	6,880	-	10,500
BACHELOR ENLISTED QUARTERS (74,056 SF)	m2	6,880	1,434	(9,870)
INFORMATION SYSTEMS	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(480)
SUPPORTING FACILITIES	LS	-	-	1,250
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(340)
ELECTRICAL UTILITIES	LS	-	-	(200)
MECHANICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(650)

SUBTOTAL	-	-	-	11,750
Contingency (5.0%)	-	-	-	590

TOTAL CONTRACT COST	-	-	-	12,340
Supervision Inspection & Overhead (6.0%)	-	-	-	740

SUBTOTAL	-	-	-	13,080
DESIGN/BUILD - DESIGN COSTS	LS	-	-	470

TOTAL REQUEST	-	-	-	13,550
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	2,000
10. Description of Proposed Construction				
<p>Construct two multi-story buildings constructed of structural steel framing, pile foundations with reinforced grade beams, exterior brick and masonry veneer, standing seam metal roof system to match adjacent buildings, providing 160 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community, and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, local area network (LAN), and cable television CATV)). Paving and site improvements include paved parking, sidewalks, multipurpose</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 893
<p>(...continued)</p> <p>rooms, outdoor recreation facilities/courts and two-meter wide fitness trail, roadways access, privately owned vehicle (POV) wash area, earthwork, grading, stormwater management pond and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features and demolition of four buildings.</p> <p>Intended Grade Mix: 134 E1-E3, 75 E-4, 18 E5. Total: 227 persons. Maximum utilization: 320 E1-E3.</p>		
<p>11. Requirement: <u>2,498 PN</u> Adequate: <u>964 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Provides 320 living spaces for bachelor enlisted personnel (160 (2 person) rooms) using the 2X0 Quality of Life (QOL) standard room design for permanent party enlisted personnel to house 227 enlisted personnel (E1-E5) stationed in the Courthouse Bay Area to support the Marine Corps Engineer Schools and other Fleet Marine Force Units at MCB Camp Lejeune, NC. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is needed to provide adequate billeting for enlisted personnel assigned to the Marine Corps Engineer Schools and other Fleet Marine Force Units occupying the Courthouse Bay area at MCB Camp Lejeune to reduce the current deficiency of 1,129 manspaces. This project also supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Currently in the Courthouse Bay area there are five 3x2x1 room-configured barracks. Based on current planning criteria, these barracks provide a total inventory of 964 manspaces of adequate billeting. Military loading projections for the Courthouse Bay area equate to a billeting requirement of 2,093 manspaces. Courthouse Bay billeting is deficient by 1,129 manspaces. This project will provide 320 manspaces. Due to current billeting deficiencies, permanent party Marines in some cases are being billeted without adherence to the Minimum Standards of Adequacy (MSA). Marines are being over-billeted, too many to a room, in otherwise adequate barracks, causing overcrowded conditions and resulting in the fraying of morale among the occupants.</p> <p>In addition to the manspace deficiency and overcrowded rooms stated above, some existing barracks require periodic renovations. In order to</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 893
<p>(...continued)</p> <p>accomplish these renovations, personnel must vacate the BEQs for months at a time, thus producing additional overcrowded conditions. Assigning Marines of the same small unit into rooms in one location cannot be accomplished. Unit cohesion below the battalion level cannot be achieved due to the large deficiency (1,129 manspaces) of billeting spaces that currently exists.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Meeting the policies and procedures of the BEQ Campaign Plan and the Commandant's intent of 'COHESION' will not be attainable. Quality of life for the Marines of the Marine Corps Engineer Schools in the Courthouse Bay area will continue to decline. Morale, retention, and esprit de corps will be greatly reduced. Existing BEQ facilities will continue to be heavily used with little or no down time for scheduled/cyclic maintenance.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 04/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 390</p> <p>(C) Total..... 390</p> <p>(D) Contract..... 130</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01												
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA														
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 893												
<p>(...continued)</p> <p>(E) In-House..... 260</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 04/02</p> <p>(6) Construction Completion..... 10/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Furnishings</td> <td>O&MMC</td> <td>2003</td> <td>2000</td> </tr> </tbody> </table> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Furnishings	O&MMC	2003	2000
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
-----	-----	-----	-----											
Furnishings	O&MMC	2003	2000											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BACHELOR ENLISTED QUARTERS (BEQ)	
5. Program Element 0206496M	6. Category Code 721.24	7. Project Number 135	8. Project Cost 16,530	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS (BEQ) (91,493 SF)	m2	8,500	-	12,470
BACHELOR ENLISTED QUARTERS (91,493 SF)	m2	8,500	1,399	(11,890)
INFORMATION SYSTEMS	LS	-	-	(120)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(410)
SUPPORTING FACILITIES	LS	-	-	1,870
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(420)
ELECTRICAL UTILITIES	LS	-	-	(230)
MECHANICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,040)
DEMOLITION	LS	-	-	(120)

SUBTOTAL	-	-	-	14,340
Contingency (5.0%)	-	-	-	720

TOTAL CONTRACT COST	-	-	-	15,060
Supervision Inspection & Overhead (6.0%)	-	-	-	900

SUBTOTAL	-	-	-	15,960
DESIGN/BUILD - DESIGN COST	LS	-	-	570

TOTAL REQUEST	-	-	-	16,530
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	2,515
10. Description of Proposed Construction				
<p>Construct two multi-story buildings of structural steel framing, pile foundations with reinforced grade beams, exterior brick and masonry veneer, standing seam metal roof system to match adjacent buildings, providing 200 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and cable television</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title BACHELOR ENLISTED QUARTERS (BEQ)		7. Project Number 135
<p>(...continued)</p> <p>CATV)). Paving and site improvements include paved parking, sidewalks, multipurpose rooms, outdoor recreation facilities/courts and 2M wide X 1610M long fitness trail, roadways access, vehicle wash area, earthwork, grading, stormwater management pond and landscaping. Also includes technical operating manuals; Anti-Terrorism/Force Protection features and demolition of four buildings.</p> <p>Intended Grade Mix: 194 E1-E3, 78 E-4, 25 E5. Total: 297 Persons. Maximum utilization: 400 E1-E3.</p>		
<p>11. Requirement: <u>4,346 PN</u> Adequate: <u>2,102 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>Provides bachelor enlisted quarters for permanent party enlisted personnel stationed in the French Creek Area at MCB Camp Lejeune, NC. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is needed to provide adequate billeting for enlisted personnel at MCB Camp Lejeune (French Creek area) to reduce the current deficiency of 3,026 manspaces. This project also supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Currently in the French Creek area there are eighteen (18) 3X2X1 room-configured barracks. Based on current planning criteria, these barracks provide a total inventory of 2,832 manspaces of adequate billeting. Military loading projections for the French Creek area equate to a billeting requirement of 5,858 manspaces. Due to current billeting deficiencies, permanent party Marines in some cases are being billeted without adherence to the Minimum Standards of Adequacy (MSA). Marines are being overbilleted, too many to a room, in otherwise adequate barracks causing overcrowded conditions and resulting in the erosion of morale among the occupants.</p> <p>In addition to the manspace deficiency and overcrowding stated above, some existing barracks require periodic renovations. In order to accomplish these renovations, personnel must vacate the BEQs for months at a time, thus producing additional overcrowded conditions. Assigning Marines of the same small unit into rooms in one location cannot be accomplished. Unit cohesion below the battalion level cannot be achieved due to the</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title BACHELOR ENLISTED QUARTERS (BEQ)		7. Project Number 135
<p>(...continued) large deficiency (3,026 manspaces) of billeting spaces that currently exists.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Meeting the policies and procedures of the BEQ Campaign Plan and the Commandant's intent of 'COHESION' will not be attainable. Quality of life for the Marines of 2nd Force Service Support Group in the French Creek area will continue to decline. Morale, retention, and esprit de corps will be greatly reduced. Existing BEQ facilities will continue to be heavily used with little or no down time for scheduled/cyclic maintenance.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 04/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 480</p> <p>(C) Total..... 480</p> <p>(D) Contract..... 160</p> <p>(E) In-House..... 320</p> <p>(4) Contract Award..... 10/01</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01												
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA														
4. Project Title BACHELOR ENLISTED QUARTERS (BEQ)		7. Project Number 135												
<p>(...continued)</p> <p>(5) Construction Start..... 04/02</p> <p>(6) Construction Completion..... 10/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Whole Room Concept Furnishing</td> <td>O&MMC</td> <td>2004</td> <td>2515</td> </tr> </tbody> </table> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Whole Room Concept Furnishing	O&MMC	2004	2515
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
-----	-----	-----	-----											
Whole Room Concept Furnishing	O&MMC	2004	2515											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I		
5. Program Element 0206496M	6. Category Code 421.22	7. Project Number 886	8. Project Cost 5,880		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I (25,510 SF)	m2	2,370	-	3,760	
HIGH EXPLOSIVE MAGAZINE (13,283 SF)	m2	1,234	1,590	(1,960)	
FUZE AND DETONATOR MAGAZINE (1,442 SF)	m2	134	1,982	(270)	
ORDNANCE OPERATIONS BUILDING (10,785 SF)	m2	1,002	1,393	(1,400)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
INFORMATION SYSTEMS	LS	-	-	(50)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)	
SUPPORTING FACILITIES	LS	-	-	1,530	
ELECTRICAL UTILITIES	LS	-	-	(270)	
MECHANICAL UTILITIES	LS	-	-	(270)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(390)	
SITE IMPROVEMENTS	LS	-	-	(590)	
DEMOLITION	LS	-	-	(10)	

SUBTOTAL	-	-	-	5,290	
Contingency (5.0%)	-	-	-	260	

TOTAL CONTRACT COST	-	-	-	5,550	
Supervision Inspection & Overhead (6.0%)	-	-	-	330	

TOTAL REQUEST	-	-	-	5,880	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct three earth covered ammunition magazines: two approximately 617 square meters each, and one approximately 134 square meters. In addition, construct Ordnance Operations and Administrative buildings. Project includes security fencing, provisions for intrusion detection system, exterior lighting, asphalt roads, a paved Issue/Segregation Lot with storage area, and all necessary utilities, and heating, ventilation, and air conditioning (HVAC). This project will also demolish three buildings.</p>					
11. Requirement: <u>2,370 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
This project constructs new ammunition magazines, operational support facilities, and all associated utility, road and security upgrades. (Current mission)					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I		7. Project Number 886
<p>(...continued) REQUIREMENT:</p> <p>Provide adequate ammunition storage/handling space with updated administrative and operational support facilities. Provide a permanent facility to replace three office trailers used for the operations of the Ammunition Supply Point (ASP) which have deteriorated over many years. Additional storage space is necessary to support the addition of the Greater Sandy Run firing ranges and reduce the excessive number of smaller deliveries due to space limitations. The ASP receives an average of 300 tractor trailer loads of ammunition annually. Adequate storage will make training ammunition more readily available and eliminate the need to adjust range and training schedules.</p> <p>CURRENT SITUATION:</p> <p>Currently, the Ammunition Supply Point (ASP) does not have sufficient storage space to maintain the amount of Marine Corps Ground Ammunition required by the annual Marine Ammunition Support Order (MARSO). The MARSO is directed by the Marine Corps Systems Command (MARCOR SYSCOM) and is published by MARFORLANT and other customers. At the present time, the ASP can only accommodate 40 percent of the MARSO requirement with the existing facilities. Additionally, this serious condition will continue to degrade as new demands are made on the existing facilities by the opening of the 41,000 Acre Greater Sandy Run Training Area. The two major problems that result from the current situation are 1) vital training missions of essential Marine Corps combat units are being continually scaled back due to the constant unavailability of ammunition and 2) high and inefficient transportation costs for the delivery of partial truck loads of ammunition are depleting an already strained budget. The storage limitations at the ASP are caused by Net Explosive Weight (NEW) capacities and space availability in the existing magazines. The ASP was constructed in the early 1940's when Explosive Safety Quantity Distances (ESQD) were less stringent. Due to modernization efforts, the introduction of more powerful weaponry has made the existing storage facilities inadequate. The ASP is currently realizing a serious lack of space to satisfy new requirements. Additionally, the ASP does not have adequate facilities for administrative and other essential operations. The ASP Administrative Operations Buildings (three temporary trailers originally designed for temporary use) are inadequate due to severe weather damage, structural deterioration, and insufficient office space. The Issue/Segregations Building and lot have been continually cited by the Department of Defense Explosives Safety Board (DDESB) because of dangerous and inadequate conditions.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I		7. Project Number 886
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Conditions at the ASP will continue to degrade as additional requirements are identified. The ASP's ability to conduct safe operations and safeguard against loss will continue to be adversely impacted by the introduction of additional weapons and an increase in the number of operational training ranges, an increase in vehicular traffic and handling, and more involved record keeping. In addition, the escalating demand on the ASP's existing facilities will further erode its ability to rapidly respond to contingency ammunition requirements of the Fleet Marine Force (FMF) units.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 11/00</p> <p>(C) Date Design Complete..... 07/01</p> <p>(D) Percent Complete As Of September 2000..... 15%</p> <p>(E) Percent Complete As Of January 2001..... 40%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 200</p> <p>(B) All Other Design Costs..... 100</p> <p>(C) Total..... 300</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 300</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title AMMUNITION STORAGE MAGAZINE UPGRADE, PHASE I		7. Project Number 886
<p>(...continued)</p> <p>(6) Construction Completion..... 04/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title ENGINEER EQUIPMENT MAINTENANCE SHOP		
5. Program Element 0206496M	6. Category Code 214.51	7. Project Number 266	8. Project Cost 6,960		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
ENGINEER EQUIPMENT MAINTENANCE SHOP (319,204 SF)	m2	29,655	-	4,750	
AUTOMOTIVE MAINTENANCE SHOP (15,726 SF)	m2	1,461	1,354	(1,980)	
ORGNIZATIONAL EQUIPMENT STORAGE BLDG (8,503 SF)	m2	790	732	(580)	
ORGANIZATIONAL VEHICLE PARKING (294,974 SF)	m2	27,404	75	(2,060)	
INFORMATION SYSTEMS	LS	-	-	(10)	
TECHNICAL OPERATING MANUALS	LS	-	-	(40)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(80)	
SUPPORTING FACILITIES	LS	-	-	1,510	
SPECIAL FOUNDATION FEATURES	LS	-	-	(180)	
ELECTRICAL UTILITIES	LS	-	-	(190)	
MECHANICAL UTILITIES	LS	-	-	(290)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(800)	
DEMOLITION	LS	-	-	(50)	
SUBTOTAL		-	-	-	6,260
Contingency (5.0%)		-	-	-	310
TOTAL CONTRACT COST		-	-	-	6,570
Supervision Inspection & Overhead (6.0%)		-	-	-	390
TOTAL REQUEST		-	-	-	6,960
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	-
10. Description of Proposed Construction					
<p>Construct a 1,461 square meter (15,726 SF) Automotive Maintenance Shop and a 790 SM (8,503 SF) Organizational Equipment Storage Facility, and 27,404 SM (294,982 SF) of Organizational Vehicle Parking. Buildings will be constructed with structural steel frame, reinforced masonry walls, brick veneer, reinforced concrete foundation and floor systems, and standing seam metal roofs. Built-in equipment includes service counters, central oil and grease lines, compressed air, chemical sinks, wire mesh enclosures, hydraulic lifts, overhead cranes, vehicle exhaust system. Construction will include drive through maintenance bays, vehicle fuel pump system/above ground storage tank, wash platforms with an oil water</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title ENGINEER EQUIPMENT MAINTENANCE SHOP		7. Project Number 266
<p>(...continued)</p> <p>separator, a waste oil shelter, hazardous flammable storage building, fencing, site utilities and appropriate environmental protection features. Electrical systems include site and building utility connections, fire alarms, telephone, local area network (LAN), public address system, fire protection and alarm systems. Mechanical systems include site and building utility connections of water, sanitary and storm sewers, plumbing, fire protection systems, and heating ventilation and air conditioning (HVAC). Paving and site improvements include concrete and flexible pavement for parking, sidewalks, roadway access and landscaping. Also includes technical operating manuals; anti-terrorism/force protection features and demolition of four structures: SGP28, SPG16, SGP31 and S808..</p>		
<p>11. Requirement: <u>29,655 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new tactical vehicle maintenance shop, an operations and storage facility and required tactical vehicle parking, with all associated utility connections, parking, site improvements and security upgrades. (Current mission)</p> <p>REQUIREMENT:</p> <p>The purpose of this project is to provide a new Engineer Equipment Maintenance Facility for maintenance and storage of over 350 pieces of heavy, medium and light tactical military vehicles (wheeled) and associated parts and equipment. The project provides an adequate number of vehicle maintenance bays, tactical vehicle parking, materiel storage, administrative space and vehicle wash bays currently deficient.</p> <p>CURRENT SITUATION:</p> <p>Currently, Motor Transport Platoon does not have adequate facilities to efficiently perform the motor transportation operations and maintenance functions required of the 8th Engineer Support Battalion. The current inadequate facility, FC45, was originally designed as a maintenance shop for a smaller tracked vehicle unit and not as an operational maintenance shop for a large motor transport operation. Motor Transport Platoon is responsible for the maintenance and operation of over 350 pieces of heavy, medium, and light tactical vehicles (wheeled). As a result, the major problems encountered in FC-45 are:</p> <ol style="list-style-type: none"> 1) adequate parking exists for less than 50 percent of Motor Transports' vehicles; 2) insufficient number of vehicle maintenance bays and wash racks; 		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title ENGINEER EQUIPMENT MAINTENANCE SHOP		7. Project Number 266
<p>(...continued)</p> <p>3) insufficient administrative office space;</p> <p>4) inadequate storage space for off vehicular equipment.</p> <p>The combination of these crippling deficiencies seriously degrades the readiness of the 8th Engineer Support Battalion. Because of the conditions explained above, Motor Transport Platoon is unable to optimize its production, as mission critical functions are not being efficiently accomplished. The 8TH Engineer Support Battalion, as a whole, suffers from inadequate facilities. As part of an overall plan developed by Camp Lejeune, the 8th Engineer Support Battalion will be provided with adequate facilities by upgrading eligible facilities with Operations and Maintenance funds while pursuing a minimum number of Military Construction projects. However, new construction under this project is necessary for the success of the plan.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The inefficient maintenance operations of Motor Transport Platoon will continue to degrade the readiness of the 8th Engineer Support Battalion. Vehicles will be parked in close confines or satellite parking areas contributing to safety and operational inefficiency concerns. Equipment maintenance will be space dependent and equipment, which otherwise could be repaired, will not be available for use. The result is the hampered ability for this battalion to accomplish its assigned mission.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 11/00</p> <p>(C) Date Design Complete..... 07/01</p> <p>(D) Percent Complete As Of September 2000..... 15%</p> <p>(E) Percent Complete As Of January 2001..... 40%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title ENGINEER EQUIPMENT MAINTENANCE SHOP		7. Project Number 266
<p>(...continued)</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 200</p> <p>(B) All Other Design Costs..... 100</p> <p>(C) Total..... 300</p> <p>(D) Contract..... 75</p> <p>(E) In-House..... 225</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 04/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title LANDFILL CELL	
5. Program Element 0202056M	6. Category Code 833.15	7. Project Number 079	8. Project Cost 8,290	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
LANDFILL CELL (478,994 SF)	m2	44,500	148	6,590
SUPPORTING FACILITIES	LS	-	-	860
SITE PREPARATION	LS	-	-	(100)
SITE IMPROVEMENTS	LS	-	-	(250)
CIVIL UTILITIES	LS	-	-	(200)
ELECTRICAL UTILITIES	LS	-	-	(30)
GREENWAY MASTER PLAN BIKEWAY	LS	-	-	(280)

SUBTOTAL	-	-	-	7,450
Contingency (5.0%)	-	-	-	370

TOTAL CONTRACT COST	-	-	-	7,820
Supervision Inspection & Overhead (6.0%)	-	-	-	470

TOTAL REQUEST	-	-	-	8,290
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Phase II of the 121.4 hectare total project includes the construction of three new composite lined sanitary landfill cells, adding 44,500 m2 (11 acres) to the existing landfill serving MCB Camp Lejeune, North Carolina. The project includes extending the leachate collection and electrical systems from the existing landfill to serve the new cells. Site improvements include a new gravel haul road to access the site, fencing, and sediment basins. Included in this project is a Greenway Trail/Bikeway (adjacent to the landfill, on Piney Green Road) in compliance with Base Greenway Master Plan.</p>				
11. Requirement: <u>44,500 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: This project constructs three new composite lined sanitary landfill cells to be added to the existing Camp Lejeune landfill. (Current mission) REQUIREMENT: A facility requirement was identified to provide a landfill to serve the refuse/garbage (solid waste) disposal requirements at MCB Camp Lejeune. Phase I of the project has been completed and the second phase is proposed				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title LANDFILL CELL		7. Project Number 079
<p>(...continued)</p> <p>by this project. The second phase includes three composite lined cells that encompass 44,500 m2 and will accommodate five years of solid waste generated by the base. New standards have been set for solid waste disposal facilities by the Code of the Federal Regulations part 258 - Criteria for Municipal Solid Waste Landfills, Subparts A through F (subtitle D) requiring composite liners. This project will provide new cells that comply with those standards. The Greenway trail will complete the area within the site of the landfill and along the Piney Green Road for the daily fitness of Marines, Sailors and the civilian work force. This will connect the Holcomb Boulevard and Sneads Ferry Road trail while enhancing the public view of the Base Landfill Site and utility right-of-way along the Piney Green Road entering Camp Lejeune.</p> <p>CURRENT SITUATION:</p> <p>The existing landfill was opened for use in January 1998 and receives an average of 98,000 tons of solid waste and cover material per year. This weight corresponds to a yearly volume of 130,000 m3 (155,000 cy). The authorized maximum limit for the existing landfill is 536,718 m3 (702,000 cy). Although designed for an eight (8) year life, the existing landfill will reach maximum capacity within five (5) years. Through a concerted recycling effort, the current yearly volume has been reduced to 105,000 m3. Based on these figures, the landfill will reach maximum capacity by June 2003. The existing landfill is permitted for maximum capacity and design life.</p> <p>Based upon current figures, the existing landfill has a design life of five years. The Code of Federal Regulations Part 258 - Criteria for Municipal Solid Waste Landfills, subparts A through F (subtitle D) requires new landfills to include composite liners. There are no other facilities on MCB Camp Lejeune suitable for disposal or temporary storage of the refuse once capacity in the existing landfill is reached.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If new cells are not added to the existing landfill, Camp Lejeune will not have a landfill in compliance with Federal and State regulations after 2003.</p>		
12. Supplemental Data:		
A. Estimated Design Data: (Parametric estimates have been used to develop		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title LANDFILL CELL		7. Project Number 079
<p>(...continued)</p> <p>project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 03/01</p> <p>(C) Date Design Complete..... 11/01</p> <p>(D) Percent Complete As Of September 2000..... 10%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Most Recently Used: CP LEJEUNE</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 300</p> <p>(B) All Other Design Costs..... 150</p> <p>(C) Total..... 450</p> <p>(D) Contract..... 350</p> <p>(E) In-House..... 100</p> <p>(4) Contract Award..... 03/02</p> <p>(5) Construction Start..... 04/02</p> <p>(6) Construction Completion..... 08/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title CONSOLIDATED ACADEMIC INSTRUCTION FACILITY		
5. Program Element 0206496M	6. Category Code 171.20	7. Project Number 172	8. Project Cost 15,860		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
CONSOLIDATED ACADEMIC INSTRUCTION FACILITY (84,906 SF)	m2	7,888	-	11,860	
BUILDING (84,906 SF)	m2	7,888	1,415	(11,160)	
TECHNICAL OPERATING MANUALS	LS	-	-	(220)	
BUILT IN EQUIPMENT	LS	-	-	(310)	
INFORMATION SYSTEMS	LS	-	-	(170)	
SUPPORTING FACILITIES	LS	-	-	1,890	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(630)	
ELECTRICAL UTILITIES	LS	-	-	(120)	
MECHANICAL UTILITIES	LS	-	-	(100)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(490)	
DEMOLITION	LS	-	-	(360)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(190)	

SUBTOTAL	-	-	-	13,750	
Contingency (5.0%)	-	-	-	690	

TOTAL CONTRACT COST	-	-	-	14,440	
Supervision Inspection & Overhead (6.0%)	-	-	-	870	

SUBTOTAL	-	-	-	15,310	
DESIGN-BUILD DESIGN COST	LS	-	-	550	

TOTAL REQUEST	-	-	-	15,860	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,300	
10. Description of Proposed Construction					
<p>Construct a multi-story consolidated academic instruction facility with pile-supported foundation, exterior brick veneer walls with reinforced concrete masonry unit (CMU) insulated cavity wall back-up; standing seam metal roof system, and a first floor reinforced concrete slab on grade. Facility will be handicap accessible and shall contain an elevator, classrooms, offices, restrooms, auditorium, Video Teleconference/Video Tele Training (VTC/VTT) facilities, storage spaces, energy efficient lighting, heating, ventilation and air conditioning system, and mechanical spaces. Interior will be finished with a combination of tile, carpet, painted CMU walls, suspended gypsum board and acoustical ceiling tiles.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title CONSOLIDATED ACADEMIC INSTRUCTION FACILITY		7. Project Number 172
<p>(...continued)</p> <p>Supporting facilities include fire protection systems, exterior site and building lighting, utility and telephone connections, and demolition of twenty-one academic buildings. Constructs or improves access roads complete with pavement striping, directional signage, concrete sidewalks, curbs and gutters; underground storm drainage system; paved and lighted parking; landscaping; underground utilities, and utility meters. Anti-Terrorism/Force Protection features will be included.</p>		
<p>11. Requirement: <u>7,888 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct a consolidated Academic Instruction Facility for the Marine Corps Combat Service Support Schools at Camp Johnson, MCB Camp Lejeune. (Current mission)</p> <p>REQUIREMENT:</p> <p>Provide a consolidated, state-of-the-art academic facility to efficiently support the MCCSSS's mission to conduct formal resident training for Marine Corps personnel. This facility, when completed, will have an annual throughput of approximately 10,000 students. The training schedule for MCCSSS is predicated upon the Marine Corps Training Input Plan (TIP) which is tied to manpower requirements. The projected throughputs for FY 2001 and FY 2002 are 10,100 and 9,970, respectively.</p> <p>CURRENT SITUATION:</p> <p>Currently, six schools that make up the MCCSSS at Camp Johnson are operating out of thirty-six (36) one-story wooden buildings. The training mission of the MCCSSS includes the Instructional Management, Personnel Administration, Combat Water Survival, Logistics Operations, Financial Management, and Ground Supply Schools. These facilities, originally constructed in 1943 as open squad bay barracks, were later converted into classroom spaces. The existing facilities have no restroom facilities (students must walk down the street to a separate building to use the lavatory), are functionally obsolete, and are too dispersed for efficient utilization. The buildings are also deteriorated and cannot be wired with state-of-the-art training technology due to structural limitations. Although the buildings have been extensively renovated over the years, they have surpassed their functional life and can no longer be economically maintained.</p> <p>A Training Facility Analysis for a consolidated facility at Camp Johnson was prepared in November 1999 by Naval Air Warfare Center Training System</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title CONSOLIDATED ACADEMIC INSTRUCTION FACILITY		7. Project Number 172
<p>(...continued)</p> <p>Division in Orlando, Florida. Problems identified with current facilities included inadequate heating, ventilating and air conditioning systems for buildings with electronic classrooms; safety issues due to decreased egress caused by use of electronic equipment; inefficient classroom layouts from lack of space (original configuration was for open bay barracks); obstructed fields of view caused by structural columns and electronics equipment; inadequate lighting/lumens for training; inadequate restroom facilities (in separate, remotely located buildings); presence of hazardous material such as asbestos and lead paint: interior and exterior peeling paint, crowded office spaces; lack of learning resource centers and Video Teleconference/Video Tele Training (VTC/VTT) facilities and no adequate facilities available to house necessary equipment; lack of an auditorium to conduct orientations and graduations (for approximately 475 persons) and to accommodate training surges, unsuitable vehicle and equipment operating clearances, and inappropriate ventilation for forklift and warehouse training.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without a consolidated, state-of-the-art academic facility, the MCCSSS will continue to inefficiently train Marines. Formal schools will be conducted in dispersed, inadequate, and functionally obsolete facilities. Maintenance intensive buildings will continue to sap already limited financial resources. Student's learning capability will be impaired and the morale of Marine instructors and students will be negatively effected.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 08/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01												
3. Installation and Location/UIC:M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA														
4. Project Title CONSOLIDATED ACADEMIC INSTRUCTION FACILITY		7. Project Number 172												
<p>(...continued)</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 413</p> <p>(B) All Other Design Costs..... 138</p> <p>(C) Total..... 551</p> <p>(D) Contract..... 138</p> <p>(E) In-House..... 413</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 08/02</p> <p>(6) Construction Completion..... 10/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Training Support Equipment</td> <td>OMMC</td> <td>2003</td> <td>1300</td> </tr> </tbody> </table> <p>Activity POC: CDR STEVEN SCANLAN Phone No: (910)-451-2326</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Training Support Equipment	OMMC	2003	1300
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
-----	-----	-----	-----											
Training Support Equipment	OMMC	2003	1300											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 0.94				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	35	240	133	104	205	0	536	3,973	230	5,456
	33	230	151	116	466	0	570	4,396	234	6,196
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (127,507.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 106,044.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 29,940.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 4,050.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 6,860.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 40,528.00										
h. GRAND TOTAL..... 187,422.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>		
								<u>Start</u>	<u>Complete</u>	
441.12	STG AIR/GRD ORG UTS MARCOR					0 LS	2,490	06/01	05/02	
441.12	STG AIR/GRD ORG UTS MARCOR					0 LS	1,560	08/00	05/01	

TOTAL							4,050			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
441.12	STG AIR/GRD ORG UTS MARCOR					5,574 m2	6,860			
(59,998 SF)										

TOTAL							6,860			
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 7,004										
10. Mission Or Major Functions:										
Note: Block 7a and 7b Total Acreage and Total Inventory numbers are the Host Activity M67001										
MCB Camp Lejeune										
Provides facilities, services, and material necessary to support major rotary wing elements of a Marine Aircraft Wing, including aircraft maintenance and air traffic control, operation and maintenance of outlying fields and confined area landing sites necessary for the operational										
(Continued On DD 1390C)										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.94
(...continued) training of helicopter air crews.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA			4. Project Title PROPERTY CONTROL FACILITY	
5. Program Element 0206496M	6. Category Code 441.12	7. Project Number 513	8. Project Cost 1,560	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PROPERTY CONTROL FACILITY (15,005 SF)	m2	1,394	-	1,030
BUILDING (15,005 SF)	m2	1,394	693	(970)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
BUILT IN EQUIPMENT	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	370
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(90)
ELECTRICAL UTILITIES	LS	-	-	(30)
MECHANICAL UTILITIES	LS	-	-	(20)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(230)

SUBTOTAL	-	-	-	1,400
Contingency (5.0%)	-	-	-	70

TOTAL CONTRACT COST	-	-	-	1,470
Supervision Inspection & Overhead (6.0%)	-	-	-	90

TOTAL REQUEST	-	-	-	1,560
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct a permanent single story building with structural steel framing, pile foundations and reinforced grade beams, exterior brick and masonry veneer, interior concrete masonry unit (CMU) block walls and sloped standing seam metal roof system; heating and ventilation provided at the warehousing areas to maintain 50 degrees Fahrenheit. Office areas, humidity-controlled storage areas and heads provided with heating, ventilation and air conditioning (HVAC). Head areas to contain lockers and showers. Provide utility connection, parking for privately owned (POV) and military vehicles. Pavement design to accommodate heavily loaded vehicles. Provide fire protection consisting of sprinkler system with radio controlled fire alarm. Provide telephone and Public Address system.</p>				
11. Requirement: <u>1,394 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
PROJECT:				
Construct a storage facility for 2D Marine Air Wing (MAW), Fleet Marine Force (FMF) with storage space for Marine Air Group (MAG) 29 property in				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 513
<p>(...continued)</p> <p>support of current operations. (Current mission)</p> <p>REQUIREMENT:</p> <p>Provide adequate storage space for organic type equipment (i.e. tents, embarkation boxes, repair parts) and an area for highly pilferable items to support MAG 29.</p> <p>CURRENT SITUATION:</p> <p>This unit has never had adequate warehouse space. The inadequate storage spaces that they are presently using are old dilapidated World War II era warehouses located at Camp Geiger (a remote site located off MCAS New River). These warehouses are temporarily assigned to the Air Station and are scheduled for demolition within the next two years. Mission response requirements and allowance tables of equipment (T/E) dictate that the unit have available for their immediate activation a specific level of consumables and personnel support items. Most of the existing facilities have no environmental control, which causes a high rate of deterioration. The location of the remote facilities has a negative impact on the efficiency and operational readiness of the affected units. Travel time to remote sites consumes approximately 40 minutes per round trip. Lack of centralization for warehousing operations places an additional negative impact on the availability of shared forklift equipment. To work around this situation and augment the limited storage space, MAG 29 stores materiel and equipment in and around their hangars and in dozens of salvaged Conex boxes and Milvans. This helps the storage requirement but hurts the day to day movement, storage and maintenance of assigned aircraft.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Squadron operations will continue to be adversely impacted. Travel distances will continue to hamper effectiveness of squadrons to meet operational schedules. Lack of environmental control accelerates deterioration, causing additional Marine Corps expenditures to resupply stocks. When the existing building is demolished, in the next couple years, there will be no place to store this equipment.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 513

(...continued)

project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started..... 08/00

(B) Date Design 35% Complete..... 11/00

(C) Date Design Complete..... 05/01

(D) Percent Complete As Of September 2000..... 10%

(E) Percent Complete As Of January 2001..... 50%

(F) Type of Design Contract..... Design/Bid/Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: Yes

(B) Where Design Was Most Recently Used: FY00 P-500

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 75

(B) All Other Design Costs..... 40

(C) Total..... 115

(D) Contract..... 0

(E) In-House..... 115

(4) Contract Award..... 10/01

(5) Construction Start..... 12/01

(6) Construction Completion..... 01/03

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Activity POC: CDR RICHARD CROMPTON Phone No: (252)-466-2746

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA			4. Project Title PROPERTY CONTROL FACILITY		
5. Program Element 0206496M	6. Category Code 441.12	7. Project Number 512	8. Project Cost 2,490		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
PROPERTY CONTROL FACILITY (15,005 SF)	m2	1,394	-	1,250	
BUILDING (15,005 SF)	m2	1,394	693	(970)	
BUILT IN EQUIPMENT	LS	-	-	(130)	
LOADING DOCK	LS	-	-	(80)	
INFORMATION SYSTEMS	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(40)	
SUPPORTING FACILITIES	LS	-	-	990	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(110)	
ELECTRICAL UTILITIES	LS	-	-	(140)	
MECHANICAL UTILITIES	LS	-	-	(180)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(460)	
DEMOLITION	LS	-	-	(50)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)	

SUBTOTAL	-	-	-	2,240	
Contingency (5.0%)	-	-	-	110	

TOTAL CONTRACT COST	-	-	-	2,350	
Supervision Inspection & Overhead (6.0%)	-	-	-	140	

TOTAL REQUEST	-	-	-	2,490	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a permanent single story building with structural steel framing, pile foundations and reinforced grade beams, exterior brick and masonry veneer, interior concrete masonry unit (CMU) block walls and sloped standing seam metal roof system. Heating and ventilation provided at warehousing areas to maintain 50 degree Fahrenheit. Office areas, humidity-controlled storage areas and heads provided with heating, ventilation and air conditioning (HVAC); Air conditioning load is estimated as 10 tons. Head areas to contain lockers and showers. Supporting facilities include security and fire protection systems (fire protection consisting of sprinkler system with radio controlled fire alarm and fire pump or booster pumps as required), exterior site and building lighting, mechanical and electrical utility, telephone and public address system. Constructs or improves access roads (pavement design to</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 512
<p>(...continued)</p> <p>accommodate heavily loaded vehicles) complete with pavement striping, directional signage, concrete sidewalks, curbs and gutters; underground storm drainage system; paved and lighted parking; landscaping; underground utilities, and utility meters. Anti-Terrorism/Force Protection features will be included.</p>		
<p>11. Requirement: <u>1,394 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct a storage facility for 2D Marine Air Wing (MAW), Fleet Marine Force (FMF) with storage space for Marine Air Group (MAG) 26 property in support of current operations. (Current mission)</p> <p>REQUIREMENT:</p> <p>Provide adequate storage space for organic type materiel (i.e. tents, embarkation boxes, repair parts), security areas for highly pilferable items, and related operational spaces to support MAG 26.</p> <p>CURRENT SITUATION:</p> <p>This unit has never had adequate warehouse space. The inadequate storage spaces that they are presently using are old dilapidated World War II era warehouses located at Camp Geiger (a remote site located off MCAS New River) two miles away by an indirect route. These warehouses are temporarily assigned to the Air Station, are in demand by other Fleet Marine Force ground units located at Camp Geiger and are scheduled for demolition within the next two years. There are no existing facilities that will satisfy the requirements at the Air Station, and no other existing units available at Camp Geiger. Mission response requirements and allowance tables of equipment (T/E) dictate that the unit have available for their immediate activation a specific level of consumables and personnel support items. Most of the existing facilities have no environmental control, which causes a high rate of deterioration. The location of the remote facilities has a negative impact on the efficiency and operational readiness of the affected units. Lack of centralization for warehousing operations places an additional negative impact on the availability of shared forklift equipment. To work around this situation and augment the limited storage space, MAG 26 stores materiel and equipment in and around their hangars and in dozens of salvaged Conex boxes and Milvans. This helps the storage requirement but hurts the day to day movement, storage and maintenance of assigned aircraft. Exterior storage of some equipment accelerates deterioration and replacement of equipment, and hampers operational readiness. Overcrowded storage in</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 512
<p>(...continued)</p> <p>substandard, remote locations continues to hamper supply, equipment repairs, and operating efficiency.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Squadron operations will continue to be adversely impacted. Travel distances and travel times will continue to hamper the ability of squadrons to meet required operational schedules. The continued lack of adequate environmental control will cause additional expenditures to resupply deteriorated equipment.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 06/01</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 130</p> <p>(B) All Other Design Costs..... 43</p> <p>(C) Total..... 173</p> <p>(D) Contract..... 108</p> <p>(E) In-House..... 65</p> <p>(4) Contract Award..... 08/02</p> <p>(5) Construction Start..... 09/02</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA		
4. Project Title PROPERTY CONTROL FACILITY		7. Project Number 512
<p>(...continued)</p> <p>(6) Construction Completion..... 12/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR RICHARD CROMPTON Phone No: (252)-466-2746</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01				
3. Installation and Location/UIC: N62660 NAVAL STATION NEWPORT, RHODE ISLAND				4. Command Commander In Chief, Atlantic Fleet		5. Area Constr Cost Index 1.09				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	1,311	1,324	3,868	0	0	0	16	3	0	6,522
	1,365	1,433	4,331	0	0	0	16	3	0	7,148
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (96.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 144,873.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 1,311.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 15,290.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 25,300.00										
g. REMAINING DEFICIENCY..... 56,800.00										
h. GRAND TOTAL..... 243,574.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>				<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u>			
171.20	SWOS APPLIED INSTR BLDG (73,528 SF)				6,831 m2	15,290	12/99	05/02		
TOTAL						15,290				
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
721.11	BEQ REPLACMENT (BOOST) (192,060 SF)				17,843 m2	25,300				
TOTAL						25,300				
c. Real Property Maintenance Backlog (\$000): \$ 18,866										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide support services and material to support operations for tenant activities, support activities and visiting fleet units, and to perform functions and tasks as may be directed.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62660 NAVAL STATION NEWPORT, RHODE ISLAND			4. Project Title SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING		
5. Program Element 0204796N	6. Category Code 171.20	7. Project Number 416	8. Project Cost 15,290		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
SURFACE WARFARE OFFICERS SCHOOL (73,528 SF)	m2	6,831	-	11,340	
APPLIED INSTRUCTION BUILDING (73,528 SF)	m2	6,831	1,372	(9,370)	
BUILT-IN EQUIPMENT	LS	-	-	(910)	
INFORMATION SYSTEMS	LS	-	-	(420)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(330)	
TECHNICAL OPERATING MANUALS	LS	-	-	(310)	
SUPPORTING FACILITIES	LS	-	-	1,920	
ELECTRICAL UTILITIES	LS	-	-	(420)	
MECHANICAL UTILITIES	LS	-	-	(390)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,110)	

SUBTOTAL	-	-	-	13,260	
Contingency (5.0%)	-	-	-	660	

TOTAL CONTRACT COST	-	-	-	13,920	
Supervision Inspection & Overhead (6.0%)	-	-	-	840	

SUBTOTAL	-	-	-	14,760	
DESIGN BUILD DESIGN COST	LS	-	-	530	

TOTAL REQUEST	-	-	-	15,290	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a three story, structural steel frame building next to the existing Surface Warfare Officers School (SWOSCOLCOM) Building 1164 on Coasters Harbor Island; three levels for academic classrooms, department staff, instructor, and student support areas; concrete foundations with necessary rock removal, masonry exterior walls, tapered roof for proper drainage, and an enclosed walkway connecting to the existing SWOSCOLCOM Complex; steel framing and decking, concrete flooring, thermal break aluminum windows with tinted insulating glass, soundproof interior partitions of metal studs and gypsum wall boards, suspended acoustical ceilings, a personnel elevator and a loading dock with hydraulic elevator; air conditioning, fire protection system, provisions for an intrusion detection system, and both classified and unclassified local area network systems; technical operating manuals, site work, an asphalt parking lot</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62660 NAVAL STATION NEWPORT, RHODE ISLAND		
4. Project Title SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING		7. Project Number 416
(...continued) with storm drains, utilities, sidewalks, and landscaping.		
11. Requirement: <u>6,831 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u> PROJECT: Constructs an applied instruction building for the Surface Warfare Officers School. (Current mission) REQUIREMENT: Adequate facilities are required to support the specific requirements of the Division Officer Course Core Phase I training pipeline (DOC) and Billet Specialty Training (BST). The mission of the SWOSCOLCOM is to provide the naval surface warfare forces with officers professionally qualified, through completing a system of functional training courses, to serve as effective naval leaders of surface ships, with the ultimate goal of command at sea. The DOC and BST support new community accessions prior to joining the Fleet and follow on training to support the new billet sequencing plan for division officers. The DOC and BST require adequate and efficiently configured facilities in order to train the student division officers through the use of academic and applied classrooms, laboratory space, and operational and practical trainers. In addition, space is also needed to house administrative offices, faculty and student support areas, and service and circulation needs. A requirement also exists to collocate the DOC and the BST with the main body of the SWOSCOLCOM at its campus on Coasters Harbor Island (CHI). The DOC and BST are integrally and organizationally part of the SWOSCOLCOM and are joined in mission, budgeting, staffing, and in personnel services. CURRENT SITUATION: Since the consolidation of the DOC in March 1994 from Coronado, CA, the number of students per classroom has drastically increased. On an annual basis, approximately 850 students are anticipated to attend the DOC. The BST has a peak load of 500 students. This routinely requires the relocation of these classes to other facilities. While the through-put of students has almost doubled, the available classroom space has declined due to the installation of operational and practical trainers and laboratories into Callaghan Hall (Building 370). Since Callaghan Hall is fully utilized, any planned future additions of trainers are not possible. At current enrollment levels, Callaghan Hall's classrooms are overcrowded. Student classified material safes are stored within the passageways throughout the building. This violates life safety codes for inadequate		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62660 NAVAL STATION NEWPORT, RHODE ISLAND		
4. Project Title SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING		7. Project Number 416
<p>(...continued)</p> <p>width of means of egress. Because of varying class schedules, students often open their safes during class-breaks, creating additional noise and distracting students in other classrooms. Large pillars in two classrooms obstruct the views of the students. Callaghan Hall was built in 1967. The building was not built with today's electronics in mind. Both DOC and BST have a need to expand their computer capabilities, both in number of operating units and network connectivity, Callaghan Hall cannot meet these constantly changing operational requirements.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Callaghan Hall was not designed to support current operational trainers, it will continue to lack necessary classroom, trainers, and computer space for the present as well as for accommodating future needs. These inadequacies, combined with dislocation from other SWOSCOLCOM departments, will continue to expend unnecessary resources, restrict the quality of instruction, and negatively impact the quality of the overall training program.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 10%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 741</p> <p>(B) All Other Design Costs..... 0</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62660 NAVAL STATION NEWPORT, RHODE ISLAND		
4. Project Title SURFACE WARFARE OFFICERS SCHOOL APPLIED INSTRUCTION BUILDING		7. Project Number 416
<p>(...continued)</p> <p>(C) Total..... 741</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 741</p> <p>(4) Contract Award..... 11/01</p> <p>(5) Construction Start..... 12/01</p> <p>(6) Construction Completion..... 06/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT HERBERT SCHWIND Phone No: 401-841-3841</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																											
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 1.04																									
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																								
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																									
	46	351	356	0	30	0	316	2,827	272	4,198																								
	44	339	350	0	30	0	366	3,063	285	4,477																								
7. INVENTORY DATA (\$000)																																		
a. TOTAL ACREAGE (12,798.00)																																		
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 232,469.00																																		
c. AUTHORIZATION NOT YET IN INVENTORY..... 15,400.00																																		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 8,020.00																																		
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 13,580.00																																		
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 26,430.00																																		
g. REMAINING DEFICIENCY..... 54,282.00																																		
h. GRAND TOTAL..... 350,181.00																																		
8. Projects Requested In This Program:																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th></th> <th style="text-align: right;">Cost</th> <th style="text-align: right;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: right;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u> <u>Start</u> <u>Complete</u></th> </tr> <tr> <td>211.96</td> <td>AWSE WAREHOUSE (10,796 SF)</td> <td style="text-align: right;">1,003 m2</td> <td style="text-align: right;">1,960 12/99 01/02</td> </tr> <tr> <td>740.74</td> <td>CHILD DEVELOPMENT CENTER</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">6,060 12/99 04/02</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">8,020</td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>	211.96	AWSE WAREHOUSE (10,796 SF)	1,003 m2	1,960 12/99 01/02	740.74	CHILD DEVELOPMENT CENTER	0 LS	6,060 12/99 04/02			-----		TOTAL			8,020
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<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u> <u>Start</u> <u>Complete</u>																															
211.96	AWSE WAREHOUSE (10,796 SF)	1,003 m2	1,960 12/99 01/02																															
740.74	CHILD DEVELOPMENT CENTER	0 LS	6,060 12/99 04/02																															

TOTAL			8,020																															
9. Future Projects:																																		
a. Included In The Following Program (FY 2003):																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td>211.01</td> <td>A/C ACOUSTICAL ENCLOSURE</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">13,580</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">13,580</td> </tr> </table>											211.01	A/C ACOUSTICAL ENCLOSURE	0 LS	13,580			-----		TOTAL			13,580												
211.01	A/C ACOUSTICAL ENCLOSURE	0 LS	13,580																															

TOTAL			13,580																															
b. Major Planned Next Three Years:																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td>211.82</td> <td>F/A-18 FACILITY (PH II)</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">7,830</td> </tr> <tr> <td>740.44</td> <td>ENLISTED DINING FACILITY</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">10,890</td> </tr> <tr> <td>911.10</td> <td>AICUZ LAND ACQUISITION</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">7,710</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">26,430</td> </tr> </table>											211.82	F/A-18 FACILITY (PH II)	0 LS	7,830	740.44	ENLISTED DINING FACILITY	0 LS	10,890	911.10	AICUZ LAND ACQUISITION	0 LS	7,710			-----		TOTAL			26,430				
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911.10	AICUZ LAND ACQUISITION	0 LS	7,710																															

TOTAL			26,430																															
c. Real Property Maintenance Backlog (\$000): \$ 19,060																																		
10. Mission Or Major Functions:																																		
<p>Maintain and operate facilities to support flight operations; operation and maintenance of assigned aircraft; and provide services and material to support operations of a Marine Aircraft Wing and/or units thereof; and other activities and units as designated by the Commandant of the Marine Corps, in coordination with the Chief of Naval Operations.</p>																																		
(Continued On DD 1390C)																																		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.04
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA			4. Project Title AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE		
5. Program Element 0206496M	6. Category Code 211.96	7. Project Number 400	8. Project Cost 1,960		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE (13,336 SF)	m2	1,239	-	1,340	
GENERAL WAREHOUSE (13,336 SF)	m2	1,239	778	(960)	
DEHUMIDIFICATION SYSTEM	LS	-	-	(170)	
TECHNICAL OPERATING MANUALS	LS	-	-	(10)	
INFORMATION SYSTEMS	LS	-	-	(40)	
BUILT IN EQUIPMENT	LS	-	-	(160)	
SUPPORTING FACILITIES	LS	-	-	360	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(130)	
ELECTRICAL UTILITIES	LS	-	-	(80)	
MECHANICAL UTILITIES	LS	-	-	(50)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(90)	
DEMOLITION	LS	-	-	(10)	

SUBTOTAL	-	-	-	1,700	
Contingency (5.0%)	-	-	-	80	

TOTAL CONTRACT COST	-	-	-	1,780	
Supervision Inspection & Overhead (6.0%)	-	-	-	110	

SUBTOTAL	-	-	-	1,890	
DESIGN BUILD DESIGN COST	LS	-	-	70	

TOTAL REQUEST	-	-	-	1,960	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,100	
10. Description of Proposed Construction					
<p>Construct a dehumidified steel frame warehouse with a metal standing seam roof, double width concrete masonry unit wall system with split face exterior, low wall and insulated wall panels above for economy, foundation will be slab-on-grade construction with concrete pier caps on timber piles. Supporting facilities include roadways, flexible pavement for access and parking, perimeter security fencing and other physical security measures, extension of utility and communications systems, landscaping, and storm water detention facilities to the development area. This project also includes removal of temporary substandard facilities.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE		7. Project Number 400
<p>(...continued)</p> <p>11. Requirement: <u>1,239 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project provides a dehumidified warehouse for the storage of Airborne Weapons Support Equipment (AWSE), and deep storage of East Coast Marine Corps aviation assets. (Current mission)</p> <p>REQUIREMENT:</p> <p>The project provides for storage of sensitive AWSE, Aviation Armament Equipment (AAE) and Individual Material Readiness List (IMRL) in a controlled environment. Expensive weapons components require special handling and storage to prevent deterioration. High value supplies require heightened security to prevent theft.</p> <p>CURRENT SITUATION:</p> <p>The current and anticipated reduced level of operations requires long term storage of 180 days for AWSE. MCAS Beaufort presently meets this need by placing items in temporary tension frame, membrane fabric field storage structures (SATS tents) using field dehumidification equipment and open storage in a nearby field. Storage in SATS tents only provides marginal humidity controls while open storage conditions require extensive corrosion control and maintenance efforts to maintain all equipment in ready condition. When stored in Level III storage facilities, all Prepositioned Material Stores (PMS) requirements are deferred, which provides projected savings in material and labor costs of \$65,000 per year.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Aviation equipment will continue to be stored in unsatisfactory structures (SATS tents) that are susceptible to total collapse during heavy wind and rain storms. In addition, because of the lack of adequate storage space, equipment will remain exposed to the weather, which accelerates its deterioration and requires extensive corrosion control efforts and continued maintenance.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title AIRBORNE WEAPONS SUPPORT EQUIPMENT WAREHOUSE		7. Project Number 400

(...continued)

(1) Status:

(A) Date Design Started..... 12/99

(B) Date Design 35% Complete..... 07/01

(C) Date Design Complete..... 01/02

(D) Percent Complete As Of September 2000..... 2%

(E) Percent Complete As Of January 2001..... 2%

(F) Type of Design Contract..... Design Build

(G) Parametric Estimate used to develop cost..... Yes

(H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications..... 57

(B) All Other Design Costs..... 0

(C) Total..... 57

(D) Contract..... 19

(E) In-House..... 38

(4) Contract Award..... 12/01

(5) Construction Start..... 01/02

(6) Construction Completion..... 07/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
COMPUTER EQUIPMENT	O&MMC	2003	600
COLLATERAL EQUIPMENT	O&MMC	2003	500

Activity POC: LCDR STRATMAN Phone No: 843-228-7131

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA			4. Project Title CHILD DEVELOPMENT CENTER	
5. Program Element 0206496M	6. Category Code 740.74	7. Project Number 403	8. Project Cost 6,060	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
CHILD DEVELOPMENT CENTER (40,763 SF)	m2	3,787	-	4,680
CHILD DEVELOPMENT CENTER (29,999 SF)	m2	2,787	1,487	(4,140)
CHILD DEVELOPMENT RENOVATION (10,000 SF)	m2	929	168	(160)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
BUILT-IN EQUIPMENT	LS	-	-	(260)
COVERED WALKWAY (764 SF)	m2	71	423	(30)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	580
SPECIAL CONSTRUCTION FEATURES - PILES	LS	-	-	(250)
ELECTRICAL UTILITIES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(110)
PLAYGROUND EQUIPMENT	LS	-	-	(100)
DEMOLITION	LS	-	-	(30)

SUBTOTAL	-	-	-	5,260
Contingency (5.0%)	-	-	-	260

TOTAL CONTRACT COST	-	-	-	5,520
Supervision Inspection & Overhead (6.0%)	-	-	-	330

SUBTOTAL	-	-	-	5,850
DESIGN BUILD DESIGN COST	LS	-	-	210

TOTAL REQUEST	-	-	-	6,060
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	100
10. Description of Proposed Construction				
<p>This project provides new construction at the the Laurel Bay Child Development Center (LB-CDC), and expansion/renovation at the Air station Child Development Center (AS-CDC). New construction at both sites consists of stucco exterior over double width concrete masonry unit (CMU) wall, mixed with split face double width CMU (Seismic Design), pile foundations under steel columns, floating slab and prefab-truss roof framing system with standing seam metal roof. Interior walls will be gypsum wall board with ceramic tile (Restrooms), paint or vinyl wall covering; floor covering will be carpet, sheet vinyl or ceramic tile;</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title CHILD DEVELOPMENT CENTER		7. Project Number 403
<p>(...continued)</p> <p>ceilings will be acoustical tile with recessed lights and diffusers. Drinking fountains and toilet size and height will be ergonomically sized and age appropriate. Both facilities will be Americans with Disabilities Act (ADA) compliant. The Laurel Bay CDC will include one covered drop-off area, patios for shaded play at two new fenced play areas with age appropriate equipment and exterior toy storage, asphalt parking with concrete curb and gutter. The existing Air Station CDC will receive minor renovations including new roof framing with standing seam metal roof to match the new building addition. This project includes clearing of 83Mx100M sparsely wooded area (0.83 hectare) for creation of the new play areas.</p>		
<p>11. Requirement: <u>3,787 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project constructs a new Child Development Center at the Laurel Bay Family Housing area and expands/renovates the existing Air Station Child Development Center. (Current mission)</p> <p>REQUIREMENT:</p> <p>Provide adequate facilities meeting the demand for child development center operations for children of Marines, Sailors, and Civilians in the Beaufort military complex area. Basic Facility Requirements (BFR) calculations include the Facilities Support Requirements (FSRs) for two arriving and one leaving squadrons in the base loading for Fiscal Year 2003.</p> <p>CURRENT SITUATION:</p> <p>Three buildings currently house the CDC activities at MCAS Beaufort. Combined, these three do not meet the demand, and two of them do not meet regulations for seismic, functional, energy conservation or physically disabled access. Buildings #842 and #894 were built in the 1960's. They both suffer from poor functional layouts, high energy loss and latent seismic liability. There exists a very real possibility of total collapse in the event of a major seismic event in this Zone 3 location as determined by a 1987 NAVFAC seismic investigation study. The staff find it difficult to maintain appropriate temperatures for small children. Building #894 does not meet DoD and Marine Corps regulations for its current use. Originally built as a garden shop for the base exchange, this combination of three pre-engineered metal building, was temporarily converted to help meet the demand for the CDC. Today, the three buildings combined do not meet the demand. The current capacity of 178 simultaneous</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title CHILD DEVELOPMENT CENTER		7. Project Number 403
<p>(...continued)</p> <p>users (note total enrollment of 240 per day includes ''Pre-school'' and ''after school'' participants) falls far short with a waiting list of 234. Per NAVFAC Facility Planning Criteria (P-80), the maximum capacity at a single CDC should not exceed 305 children. This project proposes to build a 233 child capacity CDC addition to the one existing CDC building (increasing the current capacity of 72 to 305) which meets current standards and regulations. A second CDC will be built under this project at the entrance to Laurel Bay Housing area with a capacity of 107, thus meeting the requirement of the BFR and P-80. Two inadequate buildings will be demolished.</p> <p>Building #1142, built in 1992, has a capacity of 72 children with support areas for most of the other children in the expanded CDC. While the kitchen is adequate, its support storage must be expanded to serve more children. Food must be transported outside from building to building. Building #1142 will also require some minor renovation to two classrooms to improve staff effectiveness, connection to the new addition and provision for code compliance with regards to handicap accessibility and functional layout. With the CDC functioning in three buildings, security and child supervision requires more staff than operating out of a single structure. Currently, extra labor and material costs are expended for: (1) three receptionists, (2) additional labor to transport food, (3) additional labor to escort disabled children from one building to another (several times a day) for personal hygiene and (4) additional food costs (or degraded quality) suffered as a result of extreme weather damage and/or loss while moving between buildings. These labor and material costs are passed to the users, thus reducing the attractiveness of the CDC as a viable service to the military community.</p> <p>With only Building #1142 meeting current CDC standards, less than 18 percent of the requirements for the MCAS Beaufort CDC are adequately being met. The existing three buildings do not meet the total requirement, and two of these buildings fall far short of established standards, exposing children and staff to a number of risks and hazards. Buildings #842 and #894 are both seismically inadequate and vulnerable to collapse under seismic event conditions. They are 30 years old, were constructed without energy efficiency considerations in mind, and operate at very high energy cost. Their lack of accessible restrooms are both inconvenient and embarrassing to disabled children who must be taken to Building #1142 for personal hygiene. Disabled parents have complained that they are not able to visit and participate in their children's activities. High maintenance costs reduce the budget for educational and creative play equipment and supplies while also driving up the cost to operate and thus attend the</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA		
4. Project Title CHILD DEVELOPMENT CENTER		7. Project Number 403
<p>(...continued)</p> <p>CDC. Children have been injured because the buildings do not meet current standards for safety. Building #1142 lacks an isolation room where a sick child may rest on a cot and be visually supervised through a window. Currently, sick children rest in the Director's office, exposing the director and visitors to unsanitary conditions while inconveniencing the Director's activities and privacy.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The existing three buildings will not meet the total requirement and two of these buildings will continue to fall far short of established standards, exposing children and staff to a number of risks and hazards. Buildings will remain seismically inadequate and operate at very high energy cost. High maintenance costs will continue. Children will continue to be at risk of injury because the buildings do not meet current standards for safety, and security and child supervision will continue to require more staff than operating out of a single structure.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 07/01</p> <p>(C) Date Design Complete..... 04/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 169</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 169</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01												
3. Installation and Location/UIC:M60169 MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA														
4. Project Title CHILD DEVELOPMENT CENTER		7. Project Number 403												
<p>(...continued)</p> <p>(D) Contract..... 56</p> <p>(E) In-House..... 113</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 03/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Playground Equipment</td> <td>O&MMC</td> <td>2003</td> <td>100</td> </tr> </tbody> </table> <p>Activity POC: LCDR STRATMAN Phone No: 843-228-7131</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Playground Equipment	O&MMC	2003	100
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)											
-----	-----	-----	-----											
Playground Equipment	O&MMC	2003	100											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND S C				4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 1.04				
6. Personnel Strength a. As Of 6/30/99 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	89	681	488	0	7,250	0	214	1,364	339	10,425
	90	614	503	0	8,173	0	203	1,351	451	11,385
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (8,080.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 141,341.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 13,820.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 5,430.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 10,410.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 127,690.00										
h. GRAND TOTAL..... 298,691.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start Complete</u>		
730.20	PNO/FIRE COMPLEX					0 LS	5,430	12/99	10/02	

TOTAL							5,430			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
171.20	RECRUIT BN INCLIMATE FAC					0 LS	7,350			
171.10	RECRUIT TRNG FAC ADDN					0 LS	3,060			

TOTAL							10,410			
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 19,000										
10. Mission Or Major Functions:										
<p>To exercise operational control of enlisted recruiting operations in the 1st, 4th, and 6th Marine Districts through screening, evaluation, verification, and field supervision; to provide guidance and direction on quality control matters for all east coast enlisted accessions in accordance with standards established by CMC; to provide reception processing and recruit training for enlisted personnel upon their initial entry into the Marine Corps; to provide training of recruits; to conduct schools as directed; to provide rifle and pistol marksmanship training for Marines stationed in the southeast and for personnel of other services as requested;</p>										
(Continued On DD 1390C)										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND S C		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 1.04
(...continued) and to conduct training for reserve Marines as directed.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA			4. Project Title MILITARY POLICE AND EMERGENCY SERVICES FACILITY		
5. Program Element 0805796M	6. Category Code 730.10	7. Project Number 141	8. Project Cost 5,430		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
MILITARY POLICE AND EMERGENCY SERVICES FACIL (28,180 SF)	m2	2,618	-	3,880	
EMERGENCY SERVICES FACILITY (26,199 SF)	m2	2,434	1,411	(3,430)	
VEHICLE STORAGE (1,981 SF)	m2	184	871	(160)	
SOUND ATTENUATION	LS	-	-	(130)	
INFORMATION SYSTEMS	LS	-	-	(80)	
TECHNICAL OPERATING MANUALS	LS	-	-	(60)	
BUILT-IN EQUIPMENT	LS	-	-	(20)	
SUPPORTING FACILITIES	LS	-	-	820	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(510)	
ELECTRICAL UTILITIES	LS	-	-	(70)	
MECHANICAL UTILITIES	LS	-	-	(40)	
PAVING AND SITE IMPROVEMENT	LS	-	-	(130)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)	

SUBTOTAL	-	-	-	4,700	
Contingency (5.0%)	-	-	-	240	

TOTAL CONTRACT COST	-	-	-	4,940	
Supervision Inspection & Overhead (6.0%)	-	-	-	300	

SUBTOTAL	-	-	-	5,240	
DESIGN BUILD DESIGN COST	LS	-	-	190	

TOTAL REQUEST	-	-	-	5,430	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	100	
10. Description of Proposed Construction					
<p>Constructs a multi-story emergency service facility that consolidates the base police, fire department and emergency services functions and associated covered vehicle parking. The facility shall be constructed of concrete foundations with concrete piling, grade beams, concrete floor slabs, exterior walls of reinforced concrete masonry unit (CMU) with brick veneer, steel joists or truss roof assembly with standing seam metal roof. The construction materials shall be consistent with the Base Exterior Architectural Plan (BEAP) and sited in accordance with the Depot Master Plan. The facility will be designed to seismic zone 3 construction</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA			
4. Project Title MILITARY POLICE AND EMERGENCY SERVICES FACILITY			7. Project Number 141
<p>(...continued)</p> <p>criteria and appropriate code for sustained, high, wind loads. The project includes adequate fire protection, air conditioning and heating, support utilities, intercom, parking, sidewalks, covered storage for vehicles and equipment, and landscaping. Supporting facilities consist of access roads, parking area for staff and visitors, concrete walks, site furnishings and signage, site lighting, and all utility connections. Also includes technical operating manuals and Anti-Terrorism/Force Protection features.</p>			
<p>11. Requirement: <u>2,618 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Provides an emergency services facility to consolidate the base military police, depot fire and emergency services departments. (Current mission)</p> <p>REQUIREMENT:</p> <p>Required to satisfy the need for adequate, secure, modern, consolidated police, fire department and emergency services to handle 911 emergencies and work in concert with the Beaufort County police and fire departments. The Police, Emergency Medical Service (EMS) and Fire Departments share the responsibility for emergency services and, in order to be more responsive, should be co-located.</p> <p>CURRENT SITUATION:</p> <p>The military police are housed in a single story temporary building that was renovated in 1990 to house the Depot's Provost Marshall office/police station. This 58-year-old facility has been renovated several times and has out-lived its useful life. The building is undersized for the required loading and the layout is not suitable for a military police operation and cannot be economically renovated to accommodate equipment and functions of a modern up to date security control facility. Laboratory and computer monitoring are carried out in primitive facilities. Physical security is not adequate.</p> <p>The fire station is located across the Depot from the Provost Marshall office/police station. The building was originally constructed as a Fire Station in 1941. Although the building is in good condition, the fire department requirements have increased in both personnel and equipment and the current facility is inadequately sized to meet current mission requirements.</p> <p>IMPACT IF NOT PROVIDED:</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title MILITARY POLICE AND EMERGENCY SERVICES FACILITY		7. Project Number 141
<p>(...continued)</p> <p>If a new military police facility is not provided, the base police department will continue to occupy its undersized facility and the mission of providing overall Depot Security will be hampered. Drug enforcement, interview and interrogation, and evaluation and receipt of prisoners will continue to be performed in inadequate and cramped spaces. The fire department will continue to operate housed in inadequate facilities, independent of the police department and emergency services provided by the EMS paramedics. Many of the functions that can be shared will not be, since the two departments are physically separate from each other.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 08/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 141</p> <p>(B) All Other Design Costs..... 47</p> <p>(C) Total..... 188</p> <p>(D) Contract..... 47</p> <p>(E) In-House..... 141</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 08/02</p> <p>(6) Construction Completion..... 03/04</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01								
3. Installation and Location/UIC:M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA											
4. Project Title MILITARY POLICE AND EMERGENCY SERVICES FACILITY			7. Project Number 141								
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Police/Fire safety equipment</td> <td>OMMC</td> <td>2003</td> <td>100</td> </tr> </tbody> </table> <p>Activity POC: CDR JIM BEROTTI Phone No: 843-228-3497</p>				Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Police/Fire safety equipment	OMMC	2003	100
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)								
Police/Fire safety equipment	OMMC	2003	100								

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01				
3. Installation and Location/UIC: N00639 NAVAL SUPPORT ACTIVITY MEMPHIS MILLINGTON TENNESSEE				4. Command Chief of Naval Education and Training		5. Area Constr Cost Index 0.91				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	529	1,253	1,229	0	0	0	0	0	0	3,011
	553	1,208	1,711	0	0	0	0	0	0	3,472
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (1,970.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 184,538.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 1,036.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,900.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 20,058.00										
h. GRAND TOTAL..... 209,532.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start Complete</u>		
841.30	ELEVATED WATER TANK					0 LS	3,900	12/99 05/02		

TOTAL							3,900			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 0										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide services and materials to support operations of aviation training activities and units of the Naval Education and Training Command. Chief of Naval Technical Training										
Naval Hospital Naval Air Technical Training Center Reserve VP										
Squadron Naval Air Maintenance Training Group Naval Air Reserve Tennessee										
Air National Guard										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N00639 NAVAL SUPPORT ACTIVITY MEMPHIS MILLINGTON TENNESSEE			4. Project Title ELEVATED WATER TANK	
5. Program Element 0805796N	6. Category Code 841.30	7. Project Number 299	8. Project Cost 3,900	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
ELEVATED WATER TANK	LS	-	-	2,800
SUPPORTING FACILITIES	LS	-	-	700
UTILITIES	LS	-	-	(500)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(200)

SUBTOTAL	-	-	-	3,500
Contingency (5.0%)	-	-	-	180

TOTAL CONTRACT COST	-	-	-	3,680
Supervision Inspection & Overhead (6.0%)	-	-	-	220

TOTAL REQUEST	-	-	-	3,900
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction Construct a 1,892,500 liter (500,000 gallon) elevated water storage tank designed to seismic zone three standards.				
11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u> PROJECT: Constructs an elevated water storage tank. (Current mission) REQUIREMENT: An elevated water storage tank is mission essential to provide adequate fire protection and to maintain water pressure in the potable water distribution system. CURRENT SITUATION: The existing 1,892,500 L (500,000 GA) storage tank was constructed in 1942 and is an earthquake risk. In an earthquake, it is anticipated that the existing structure will collapse and destroy nearby buildings. In addition, the resulting lack of adequate water pressure will adversely affect the ability to quell fires that usually accompany earthquakes. Naval Support Activity Memphis supports twenty-nine tenant commands, including the Bureau of Naval Personnel, Navy Manpower Analysis Center, <div style="text-align: right;">(Continued On DD 1391C)</div>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00639 NAVAL SUPPORT ACTIVITY MEMPHIS MILLINGTON TENNESSEE		
4. Project Title ELEVATED WATER TANK		7. Project Number 299
<p>(...continued)</p> <p>and Navy Recruiting Command, that provide support to the entire Navy. The Corps of Engineers Finance Center is consolidating from 61 world-wide activities to Naval Support Activity Memphis. All of these functions require adequate fire protection and water pressure.</p> <p>The existing tank will be transferred to the City of Millington in an 'as is' condition to provide interim water storage pending their construction of adequate infrastructure to support the redevelopment of the Base Realignment and Closure transfer area. The existing tank will provide water to the Naval Support Activity after it is transferred to the City, until the new tank is completed. The new tank will not provide water to the City.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Activity will continue to operate in an earthquake risk environment and will also need to negotiate an easement for continuing use of the water tank when property transfer occurs.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 162</p> <p>(B) All Other Design Costs..... 54</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00639 NAVAL SUPPORT ACTIVITY MEMPHIS MILLINGTON TENNESSEE		
4. Project Title ELEVATED WATER TANK		7. Project Number 299
<p>(...continued)</p> <p>(C) Total..... 216</p> <p>(D) Contract..... 135</p> <p>(E) In-House..... 81</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 01/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR Darryl Creasy Phone No: (901) 873-5207</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM							2. Date 6/30/01																																																																			
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK VIRGINIA					4. Command Commander in Chief Atlantic Fleet			5. Area Constr Cost Index 0.92																																																																			
6. Personnel Strength																																																																											
<table border="1"> <thead> <tr> <th colspan="3">Permanent</th> <th colspan="3">Students</th> <th colspan="3">Supported</th> <th rowspan="2">Total</th> </tr> <tr> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>a. As Of 9/30/01</td> <td>4,223</td> <td>46,869</td> <td>7,132</td> <td>0</td> <td>1</td> <td>0</td> <td>320</td> <td>691</td> <td>0</td> <td>59,236</td> </tr> <tr> <td>b. End FY 2007</td> <td>4,016</td> <td>45,442</td> <td>8,325</td> <td>0</td> <td>1</td> <td>0</td> <td>339</td> <td>727</td> <td>0</td> <td>58,850</td> </tr> </tbody> </table>										Permanent			Students			Supported			Total	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	a. As Of 9/30/01	4,223	46,869	7,132	0	1	0	320	691	0	59,236	b. End FY 2007	4,016	45,442	8,325	0	1	0	339	727	0	58,850																									
Permanent			Students			Supported			Total																																																																		
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a. As Of 9/30/01	4,223	46,869	7,132	0	1	0	320	691	0	59,236																																																																	
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7. INVENTORY DATA (\$000)																																																																											
a. TOTAL ACREAGE (564.00) b. INVENTORY TOTAL AS OF 23 Apr 2001..... 750,157.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 137,820.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 106,030.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 70,240.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 207,920.00 g. REMAINING DEFICIENCY..... 1,339,793.00 h. GRAND TOTAL..... 2,611,960.00																																																																											
8. Projects Requested In This Program:																																																																											
<table border="1"> <thead> <tr> <th colspan="2">Category</th> <th>Scope</th> <th>Cost (\$000)</th> <th colspan="2">Design Status</th> </tr> <tr> <th>Code</th> <th>Project Title</th> <th></th> <th></th> <th>Start</th> <th>Complete</th> </tr> </thead> <tbody> <tr> <td>151.80</td> <td>DEPERMING PIER REPLACEMENT (30,850 LF)</td> <td>9,403 m</td> <td>2,810</td> <td>05/00</td> <td>08/01</td> </tr> <tr> <td>151.20</td> <td>PIER REPLACEMENT (INCR I) (2,999 FB)</td> <td>914 MB</td> <td>28,210</td> <td>12/99</td> <td>08/01</td> </tr> <tr> <td>812.30</td> <td>WATERFRONT ELEC UPGRADE</td> <td>0 LS</td> <td>12,900</td> <td>12/99</td> <td>05/02</td> </tr> <tr> <td>812.30</td> <td>WATERFRONT ELEC UPGRADE</td> <td>0 LS</td> <td>15,620</td> <td>12/99</td> <td>12/01</td> </tr> <tr> <td>111.10</td> <td>AIRFIELD PAVEMENTS UPGRADE (294,447 SF)</td> <td>27,355 m2</td> <td>6,360</td> <td>12/99</td> <td>12/01</td> </tr> <tr> <td>211.05</td> <td>AIRCRAFT MAINT HANGAR RPL (41,925 SF)</td> <td>3,895 m2</td> <td>11,300</td> <td>12/99</td> <td>10/01</td> </tr> <tr> <td>211.05</td> <td>AIRCRAFT MAINT HANGAR REPL (38,836 SF)</td> <td>3,608 m2</td> <td>14,100</td> <td>12/99</td> <td>05/02</td> </tr> <tr> <td>721.11</td> <td>BEQ MODERNIZATION (134,936 SF)</td> <td>12,536 m2</td> <td>14,730</td> <td>05/00</td> <td>06/01</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>106,030</td> <td colspan="2"></td> </tr> </tbody> </table>										Category		Scope	Cost (\$000)	Design Status		Code	Project Title			Start	Complete	151.80	DEPERMING PIER REPLACEMENT (30,850 LF)	9,403 m	2,810	05/00	08/01	151.20	PIER REPLACEMENT (INCR I) (2,999 FB)	914 MB	28,210	12/99	08/01	812.30	WATERFRONT ELEC UPGRADE	0 LS	12,900	12/99	05/02	812.30	WATERFRONT ELEC UPGRADE	0 LS	15,620	12/99	12/01	111.10	AIRFIELD PAVEMENTS UPGRADE (294,447 SF)	27,355 m2	6,360	12/99	12/01	211.05	AIRCRAFT MAINT HANGAR RPL (41,925 SF)	3,895 m2	11,300	12/99	10/01	211.05	AIRCRAFT MAINT HANGAR REPL (38,836 SF)	3,608 m2	14,100	12/99	05/02	721.11	BEQ MODERNIZATION (134,936 SF)	12,536 m2	14,730	05/00	06/01	TOTAL			106,030		
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(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01																												
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK VIRGINIA		4. Command Commander in Chief Atlantic Fleet	5. Area Constr Cost Index 0.92																												
(...continued) b. Major Planned Next Three Years: <table> <tr> <td>211.45</td> <td>A/C INTERMED MAINT DEPOT (143,881 SF)</td> <td>13,367 m2</td> <td>34,170</td> </tr> <tr> <td>113.20</td> <td>AIRCRAFT RECAP (PH II) (568,905 SF)</td> <td>52,853 m2</td> <td>11,200</td> </tr> <tr> <td>812.30</td> <td>WATERFRONT ELEC UPGRADE</td> <td>0 LS</td> <td>24,950</td> </tr> <tr> <td>721.11</td> <td>BEQ SHIPBD ASHORE (PH II)</td> <td>0 PN</td> <td>48,000</td> </tr> <tr> <td>610.10</td> <td>COMMAND CONSOL FAC (PH I)</td> <td>140,000 SF</td> <td>46,600</td> </tr> <tr> <td>721.11</td> <td>BEQ SHIPBD ASHORE (PH I)</td> <td>0 PN</td> <td>43,000</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>207,920</td> </tr> </table> c. Real Property Maintenance Backlog (\$000): \$ 273,295				211.45	A/C INTERMED MAINT DEPOT (143,881 SF)	13,367 m2	34,170	113.20	AIRCRAFT RECAP (PH II) (568,905 SF)	52,853 m2	11,200	812.30	WATERFRONT ELEC UPGRADE	0 LS	24,950	721.11	BEQ SHIPBD ASHORE (PH II)	0 PN	48,000	610.10	COMMAND CONSOL FAC (PH I)	140,000 SF	46,600	721.11	BEQ SHIPBD ASHORE (PH I)	0 PN	43,000	TOTAL			207,920
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721.11	BEQ SHIPBD ASHORE (PH I)	0 PN	43,000																												
TOTAL			207,920																												
10. Mission Or Major Functions: Functions as the primary operating base of the Atlantic Fleet, homeport to over 80 ships, including five aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek.																															
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0																															

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title AIRFIELD PAVEMENTS UPGRADE	
5. Program Element 0204896N	6. Category Code 111.10	7. Project Number 151	8. Project Cost 6,360	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRFIELD PAVEMENTS UPGRADE (294,447 SF)	m2	27,355	208	5,690
SUPPORTING FACILITIES	LS	-	-	-

SUBTOTAL	-	-	-	5,690
Contingency (5.0%)	-	-	-	280

TOTAL CONTRACT COST	-	-	-	5,970
Supervision Inspection & Overhead (6.0%)	-	-	-	390

TOTAL REQUEST	-	-	-	6,360
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Replace Portland cement concrete and base and increase thickness to add additional strength in areas HA28-1E, H10-28, R10-1, and R10-4 of the runway and runway hold area. Replace twelve inches of pavement and base in section R10-5 with twelve inches of concrete designed with increased reinforcement to provide additional loading capacity. Grades will be adjusted in specific areas. Replace wiring, lights, pavement markers.</p>				
11. Requirement: <u>27,355 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
PROJECT:				
Provides critical reconstruction and strengthening to the runway, and runway hold area at Chambers Field, Naval Station, Norfolk, VA. (Current mission)				
REQUIREMENT:				
<p>Upgraded runways, taxiway and parking apron pavements are required to accommodate the air operations at Naval Station Norfolk. There are 15 squadrons and a contract C-12 Fleet Readiness Squadron assigned, as well as air cargo and air passenger terminals. In addition, the Joint Military Logistics Terminal, one of the busiest terminals in the Air Mobility Command system, is located here and hosts a large number of transport aircraft (C-9, C-5, C-130, B-757, DC-8, L1011). The number of cargo and air passenger flights associated with this facility has increased significantly in recent years due to the absorption of the Air Mobility Command (Philadelphia) mission, which closed in the early 1990's.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRFIELD PAVEMENTS UPGRADE		7. Project Number 151
<p>(...continued)</p> <p>Airfield pavement upgrade requirements are based on current and projected aircraft loading and base operations. Total replacement of sections of slab with new subgrade and thickened and reinforced concrete is required to support the mix of aircraft homebased at Chambers field, which has transitioned to include more cargo aircraft, and newer heavier aircraft, such as the C5A, the most common carriers using this terminal. This project is part of a systematic plan to modernize and upgrade all the major components of Chambers Field, including a hangar replacement program, replacement of the air passenger terminal, replacement of the air control tower, extension of a parallel taxiway, and an airfield pavement upgrade program to completely reconstruct major portions of runway, taxiway and parking apron which require increased capacity and expansion to support the aircraft currently operating at Chambers Field. This is the first of six proposed projects included in this plan. The remaining five projects of this program consist of a combination of upgrades of the existing taxiways and aircraft parking apron and construction of new parking apron in support of increased Cargo and Transport operations.</p> <p>CURRENT SITUATION:</p> <p>The pavements have deteriorated due to a combination of factors - pavement age, high usage (the repeated loading from aircraft having high tire pressures and from increased numbers of heavy transport aircraft), pavement subgrade failure due to overloading, and isolated locations of latent construction defects and damage from freeze/thaw cycles. These sections of concrete must have upgraded capacity of 20 percent to provide a sustained capability to support the heavier aircraft and increased number of operations by these aircraft. This project upgrades these failing sections of the runway and associated holding areas through the complete replacement of the sections with new, upgraded subgrade and concrete, with the increased capacity required to support the current and projected aircraft loading. Strengthening will be accomplished through additional concrete thickness, reinforcement and improved subgrade. The pavement being replaced in this project was designed in the late Seventies/early Eighties when air operations were divided between two active runways at Chambers Field, when air passenger/cargo operations were a smaller portion of the air operations, and incidences of large aircraft commonly using the runway were less frequent. The C141 and C130's with loaded weights of 352,000 and 155,000 pounds respectively, were the most common heavy aircraft using the runways at that time. The C5A, which is one of the heaviest aircraft using the runway today, by comparison, has a loaded weight of approximately 760,000 pounds. The 1997 Airfield Pavement Survey and 1998 Airfield Pavement Load Carrying Capacity Evaluation</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRFIELD PAVEMENTS UPGRADE		7. Project Number 151
<p>(...continued)</p> <p>identify the deficiencies in these pavements. Due to these deficiencies, the runway will not provide satisfactory support for air operations and will continue to generate Foreign Object Damage (FOD) if not upgraded. The breakdown in the pavement surface conditions on the runway, taxiways, and aprons present a significant FOD hazard to operating aircraft. Ingesting fragments of pavement or joint sealant can severely damage or destroy an aircraft engine, and FOD is a constant threat to the safety of aircraft, pilots, air crews and ground personnel. An aircraft engine may cost \$2.1M. The average cost of first degree repair of T56-A-427 engine with FOD damage is \$900K with an average of 60 days to complete repair maintenance action. Respectively, the T58-GE-16 aircraft engine, which costs \$688K, averages \$54K of first degree repair completed in 32 days; and the T64-GE-416A aircraft engine, which costs \$1.3M, averages \$48K of first degree repair completed in 14 days. Numerous aircraft engines have been damaged due to FOD. Records indicate that the station spent more than \$2,500,000/ year on FOD damage caused by pavement deterioration in 1997 and 1998. While the squadrons use sweeper trucks and conduct FOD walks daily in an effort to prevent damage, aircraft operations accelerate the deterioration of the pavement. Annual maintenance costs for these pavements are expected to increase sharply due to repeated failures unless required major upgrades are performed.</p> <p>The grade changes in areas R10-1 and HA28-1B, which have occurred due to site conditions and inadequate strength in the original design, exceed that allowed by Navy criteria and require adjustment. This will involve demolition of the existing pavement, fill placement to adjust the grade and reconstruction of the pavement at an increased depth to provide additional strength. Without those corrections of the grade, a pilot could lose control of the aircraft or damage landing gear. In sections R10-1 and HA28-1B, the surface condition rating value is predicted to be below 60 by FY 2002. Navy criterion specifies that the surface condition rating value shall exceed 70 for runways, 60 for aprons and taxiways and 50 for all other pavement used by aircraft. For example, runway section R10-4 pavement value is expected to be below 45 in FY 2002 and will fail by FY 2007.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If these upgrades are not made to handle the increased aircraft loadings, FOD potential will increase, personnel safety will be increasingly jeopardized, and pavement areas may be closed due to structural failure, leading to severe impacts to airfield operations and emergency response times in the event of emergency landing. The potential of a pilot losing</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRFIELD PAVEMENTS UPGRADE		7. Project Number 151
(...continued) control of an aircraft will increase if the grade corrections are not made to the ends of the runway.		
12. Supplemental Data: A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide) (1) Status: (A) Date Design Started..... 12/99 (B) Date Design 35% Complete..... 01/01 (C) Date Design Complete..... 12/01 (D) Percent Complete As Of September 2000..... 2% (E) Percent Complete As Of January 2001..... 35% (F) Type of Design Contract..... Design/Bid/Build (G) Parametric Estimate used to develop cost..... Yes (H) Energy study/life-cycle analysis performed..... Yes (2) Basis: (A) Standard or Definitive Design: No (B) Where Design Was Most Recently Used: N/A (3) Total Cost (C) = (A) + (B) Or (D) + (E): (A) Production of Plans and Specifications..... 425 (B) All Other Design Costs..... 175 (C) Total..... 600 (D) Contract..... 375 (E) In-House..... 225 (4) Contract Award..... 12/01 (5) Construction Start..... 01/02 (6) Construction Completion..... 04/03 B. Equipment associated with this project which will be provided from other appropriations: NONE. Activity POC: Phone No:		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VA			4. Project Title PIER REPLACEMENT (INCREMENT I)	
5. Program Element 0204796N	6. Category Code 151.20	7. Project Number 226	8. Project Cost Auth 61,450 Appr 28,210 Auth for Appr 28,210	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PIER REPLACEMENT (INCREMENT I) (2,999 FB)	MB	914	-	35,260
PIER 3 (2,999 FB)	MB	914	24,830	(22,690)
ELECTRICAL UTILITIES	LS	-	-	(7,830)
MECHANICAL UTILITIES	LS	-	-	(3,140)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,500)
SUPPORTING FACILITIES	LS	-	-	19,950
SITE ELECTRICAL UTILITIES	LS	-	-	(310)
SITE MECHANICAL UTILITIES	LS	-	-	(260)
DREDGING	LS	-	-	(2,740)
DEMOLITION	LS	-	-	(10,300)
RELIEVING PLATFORM	LS	-	-	(5,890)
ROADS AND PARKING	LS	-	-	(250)
MOUNTED OIL BOOMS	LS	-	-	(200)

SUBTOTAL	-	-	-	55,210
Contingency (5.0%)	-	-	-	2,760

TOTAL CONTRACT COST	-	-	-	57,970
Supervision Inspection & Overhead (6.0%)	-	-	-	3,480

SUBTOTAL	-	-	-	61,450
LESS INCREMENT II FUNDING	LS	-	-	-33,240

TOTAL REQUEST	-	-	-	28,210
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>General purpose berthing pier 28 meters wide and 457 meters long with under deck utilidor. The structure consists of precast concrete planks with concrete topping and precast, prestressed large cylindrical piles. Utilities consist of potable water, sanitary waste, oily waste/waste oil, steam, fuel, pier electric, shore-to-ship power, industrial power, telephone, cable TV, and fire alarm. Shore-to-ship power capacity will be 32MVA served via eight skid mounted secondary unit substations. The substations will be compatible for use on all Naval Station Norfolk 35KV upgraded piers. Spare skid-mounted secondary unit substations will be</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VA		
4. Project Title PIER REPLACEMENT (INCREMENT I)		7. Project Number 226
<p>(...continued)</p> <p>provided to facilitate an off-pier maintenance program. The existing shore distribution system will be upgraded to facilitate providing 34.5KV service to the pier. Transit sheds, deck structures, piles, utilities and fittings for existing Piers 2 and 3 shall be demolished and removed and the footprints dredged to a depth of 12.2 + 0.6 meters. Additionally, a portion of the existing bulkhead and a portion of Pier 2 shall be demolished. Anti-terrorism/force protection features include a Super Dolphin (T-section with watch tower) at the pier head, vehicle barrier, gate house and security fencing.</p>		
<p>11. Requirement: <u>914 MB</u> Adequate: <u>0 MB</u> Substandard: <u>0 MB</u></p> <p>PROJECT:</p> <p>Constructs a general purpose berthing pier providing four pierside berths to replace Pier 3 at Naval Station Norfolk, Virginia. (Current mission)</p> <p>REQUIREMENT:</p> <p>An adequate replacement pier is required to provide the capability of berthing all classes of ships currently or planned for homeporting at NAVSTA, with the exception of aircraft carriers. Additionally, the pier must allow nesting of DDG-51 and CG-47 class ships with full cold iron support at each of the four berths. A comprehensive Regional Waterfront Plan for the entire Hampton Roads region supports the requirement for this project. NAVSTA has a requirement for 11,974 meters of berthing (MB) supporting a 2003 ship loading of 89 ships and utilizing ship nesting. To provide a portion of the required berthing at NAVSTA, Norfolk, Pier 3 must be replaced with a modern general purpose berthing pier providing necessary utilities, deck space and deck loading, as well as pier to pier spacing required to provide efficient and safe general berthing capability in support of the U.S. Atlantic Fleet.</p> <p>CURRENT SITUATION:</p> <p>Pier 3 is over 56 years old and was constructed as a supply pier with a transit shed. The pier is inadequate based on economic analysis, operational limitations and siting. Limited deck space (9 meters each side) and structural strength of deck and piling severely restrict mobile crane access to the pier and limit pier side operations. The structural piles of Pier 3 are reinforced concrete piles. The piles are not prestressed concrete; they are in a state of deterioration requiring ongoing repair, and they have exceeded their useful life span. The current separation between piers is inadequate to allow for nesting of ships or adequate tugboat access to properly and safely berth ships. The</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VA		
4. Project Title PIER REPLACEMENT (INCREMENT I)		7. Project Number 226
<p>(...continued)</p> <p>existing utilities are inadequate to accommodate current and future ship classes (including nesting) and meet environmental standards. Additionally, due to the age and condition of the pier, the mooring fixtures are no longer adequate to berth all classes of ships due to growth in the size of the ships. The 9m spacing between the transit shed and the edge of the pier severely restricts crane operations, requiring ships berth transfers to support ordnance, supply and maintenance operations.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Pier 3 will not be able to support berthing of current and future ship classes homeported at NAVSTA, Norfolk. The lack of adequate berthing space with required utilities is part of a cumulative impact that will prevent NAVSTA from supporting the homeported ships. The existing pier represents increased Fleet operational costs by requiring ''steaming'' in port due to lack of adequate utilities and creating unsafe ship handling and berthing conditions as a result of extremely narrow slip widths. Additionally, significant increase in berthing costs will result because of the need to use commercial berthing facilities during peak loading periods. The deck structure and width limit crane service on the pier, which is not adequate to support the loading necessary for supply and maintenance operations.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 08/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 60%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VA		
4. Project Title PIER REPLACEMENT (INCREMENT I)		7. Project Number 226
<p>(...continued)</p> <p>(B) Where Design Was Most Recently Used: P-335 NORF</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 1500</p> <p>(B) All Other Design Costs..... 720</p> <p>(C) Total..... 2220</p> <p>(D) Contract..... 1860</p> <p>(E) In-House..... 360</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 11/01</p> <p>(6) Construction Completion..... 05/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title AIRCRAFT MAINTENANCE HANGAR REPLACEMENT		
5. Program Element 0204896N	6. Category Code 211.05	7. Project Number 523	8. Project Cost 11,300		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIRCRAFT MAINTENANCE HANGAR REPLACEMENT (41,925 SF)	m2	3,895	-	6,850	
TYPE I MODIFIED MAINTENANCE HANGAR (41,925 SF)	m2	3,895	1,240	(4,830)	
BUILT-IN EQUIPMENT	LS	-	-	(1,840)	
INFORMATION SYSTEMS	LS	-	-	(40)	
TECHNICAL OPERATING MANUALS	LS	-	-	(100)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)	
SUPPORTING FACILITIES	LS	-	-	3,300	
SPECIAL FOUNDATION FEATURES	LS	-	-	(270)	
ELECTRICAL UTILITIES	LS	-	-	(240)	
MECHANICAL UTILITIES	LS	-	-	(630)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(430)	
DEMOLITION	LS	-	-	(1,730)	

SUBTOTAL	-	-	-	10,150	
Contingency (5.0%)	-	-	-	510	

TOTAL CONTRACT COST	-	-	-	10,660	
Supervision Inspection & Overhead (6.0%)	-	-	-	640	

TOTAL REQUEST	-	-	-	11,300	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a one module, Type I aircraft maintenance hangar on reinforced concrete pile foundation. Construction features include reinforced concrete floors, metal frame and Concrete Masonry Unit (CMU) walls, cantilevered steel-roof framing, built-up roofing; pre-action, closed head fire sprinkler system in administrative areas and hangar overhead supplemented by floor mounted aqueous film forming foam (AFFF) sprinkler nozzles in the hangar bays; and two 6804 kg bridge cranes. The height of the hangar is increased to accommodate E-2C planes. The hangar contains administrative, equipment and maintenance space. Additional items include electrical and mechanical utilities, site improvements, 400Hz D.C. power distribution system, compressed air system, anti-terrorism/force protection, air conditioning and heating of personnel administrative</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE HANGAR REPLACEMENT		7. Project Number 523
<p>(...continued)</p> <p>spaces, technical operating manuals, and state of the art energy savings equipment. Project includes demolition of eight buildings. The project will relocate an engine washrack. The footprint of the buildings in the SP area will be returned to aircraft parking apron. Project includes: repairing and reconfiguring of existing parking for 100 vehicles, removing an existing hangar structure, removing a concrete floor and foundation, removing Hangar LP-13 floor coating and providing an asphalt overlay and sealer, constructing a flightline security fence with access gates, installing a 500mm diameter non-potable water line from Hangar LP-34 (for AFFF) including removing and replacing concrete airfield pavement, installing a 151,400 liter underground storage tank for AFFF discharge containment, installing an oil/water separator, removing concrete airfield pavement, regrading and installing a new storm drainage system around the new hangar, connecting potable water and sanitary lines to existing systems, providing new concrete airfield pavement around the hangar, providing all new vehicle and airfield striping, and providing temporary fences/barriers/barricades.</p>		
<p>11. Requirement: <u>3,895 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Project will construct a one module, Type I aircraft maintenance hangar at Chambers Field, Naval Station, Norfolk. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate hangar space is required for the Airborne Early Warning Squadrons VAW 78, 125 and 126. The NS Norfolk hangar plan defines the requirements for maintenance hangar space and aircraft parking apron. NS Norfolk has a total requirement for 36,080 square meters of Type I hangar space.</p> <p>CURRENT SITUATION:</p> <p>NS Norfolk has nine World War II era maintenance hangars designed for aircraft no longer used by the Navy. These hangars are beyond economical repair and need to be replaced. The hangars and aircraft are divided between the SP area, north of Bellinger Boulevard, the main traffic artery through the Naval Air Station, and the LP area, south of Bellinger. Fixed-wing access from the SP area to the runway can only be achieved by taxiing aircraft across Bellinger. The Hangar Plan has provided an overall plan to demolish the nine old hangars and consolidate the squadrons into six new hangars, ultimately relocating all fixed wing aircraft into hangars in the LP area to eliminate conflict with base automobile traffic. Based upon the recent repair of two of these WWII</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE HANGAR REPLACEMENT		7. Project Number 523
<p>(...continued)</p> <p>hangars, \$40,000,000 of repair funds would be required to continue using the hangars. This repair cost will not bring these hangars up to the standards of a modern hangar. The electrical panels in these hangars are no longer manufactured. Numerous National Electric Code electrical violations and national fire code violations exist in these hangars. Because of the deficiency of shop/administrative space in the design of the existing hangars, several outside line shacks, heated by space heaters and cooled by window box air conditioners, must be stationed outside each hangar. This project will allow VAW125 and 126 to relocate from hangar LP4, and VAW 78 from LP-13, both of which are exhibiting deterioration similar to SP1, which is in the process of being permanently closed due to safety concerns. In SP1, the roof boards have been replaced in sections; however, rainfall inside the building from both the roof and windows is plentiful. Neither of these hangars have adequate height for the cranes required to remove the antenna domes from the aircraft for maintenance. In LP13, the two transformers do not have sufficient power to support new frequency converters and motor generator sets for two squadrons.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to replace these hangars increases the threat to personnel from falling roof boards or electrical shock and will increase damages to aircraft and equipment. Additionally, E-2C aircraft will be required to continue taxiing across Bellinger Boulevard, a main automobile traffic corridor traversing the Naval Station. Time and fuel will continue to be wasted, and an operational hazard will be perpetuated. Continuing to use the existing hangars will require emergency repairs and costly utility bills for hangars with large footprints that lack the required administrative and maintenance spaces. The VAW squadrons will be required to operate indefinitely from hangars with inadequate height for cranes to remove the domes from their planes. Maintenance time will be lengthened, as aircraft need to wait for an available hangar space with both a crane and required ceiling height to remove the domes. Failure to demolish the nine hangars this project would replace will result in the expenditure \$40,000,000 of Repair and Maintenance funds for repairs over the next five years.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE HANGAR REPLACEMENT		7. Project Number 523
<p>(...continued)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 10/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 600</p> <p>(B) All Other Design Costs..... 300</p> <p>(C) Total..... 900</p> <p>(D) Contract..... 700</p> <p>(E) In-House..... 200</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 01/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VA			4. Project Title WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE	
5. Program Element 0204796N	6. Category Code 812.30	7. Project Number 367	8. Project Cost 15,620	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERFRONT ELECTRICAL UPGRADE	LS	-	-	14,040
UNDERGROUND DISTRIBUTION	LS	-	-	(2,980)
VIRGINIA POWER UTILITY POINT OF SERVICE	LS	-	-	(8,530)
TECHNICAL OPERATIONS MANUALS	LS	-	-	(50)
SOUTH SWITCHING STATION	LS	-	-	(1,820)
DEMOLITION NW. SWITCHING STATION	LS	-	-	(120)
UPGRADE SWITCHING STATIONS	LS	-	-	(540)
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	14,040
Contingency (5.0%)	-	-	-	700

TOTAL CONTRACT COST	-	-	-	14,740
Supervision Inspection & Overhead (6.0%)	-	-	-	880

TOTAL REQUEST	-	-	-	15,620
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construction will upgrade the electrical distribution system serving the Norfolk Naval Station piers and waterfront facilities. This project provides underground electrical utility transmission to a new utility point of service electrical power station, a 34.5KV distribution station, and underground 34.5KV electrical distribution to piers 20, 21, 23, 24, 25, 2, and 3. Portions of the existing electrical distribution system currently being served from the Sewells Point electrical power station will be either demolished or upgraded to facilitate construction of the new waterfront electrical distribution system.</p>				
11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u>				
PROJECT:				
This projects replaces the existing 200MVA with a new 300MVA electrical distribution system for the Naval Station, Norfolk to support general purpose berthing of Navy ships. (Current mission)				
REQUIREMENT:				
Adequate and reliable electrical power is required to support the				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VA		
4. Project Title WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE		7. Project Number 367
<p>(...continued)</p> <p>additional electrical services provided by the pier replacement construction, pier electrical upgrade projects, and other electrical load growth on Naval Station, Norfolk. The requirement for this project is supported by and is a critical element of the comprehensive and long range Hampton Roads Regional Waterfront Plan. The load requirement for this project is supported by detailed engineering analysis based on ship loading and operational impacts.</p> <p>CURRENT SITUATION:</p> <p>The current service from the utility has a capacity of 200MVA, which is not adequate to meet the electrical load growth on Naval Station Norfolk. Electrical power distribution to the Naval Station is currently handled via 34.5KV circuits that have been added as the load increased over the years. There is no available circuit capacity or land for expansion of the existing system without constructing costly piecemeal additions. Retaining the current mode of service, even with costly upgrades and expansion, would eventually require placing restrictions on the energy that the piers draw. Furthermore, the existing electrical network would become vulnerable to a major electrical outage if one feed from Sewells Point was lost, as the remaining feeds would not be able to accommodate the additional load transferred with moderate forecasted pier loading. Also, multiple circuits are located on overloaded traditional wooden poles that are susceptible to damage by high winds, such as those produced by hurricanes, which are common to the Naval Station area. These same circuits are located in the Approach/Departure path of the Navy's Chambers Field runway, making them vulnerable to damage in the event of an aircraft mishap.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The 200MVA capacity of the existing electrical distribution system will not be able to meet the demand requirements of the piers. Load growth calculations from ship load alone show the demand exceeding the capacity of the distribution infrastructure beginning with the FY2000 Pier 21 replacement project. Navy vessels will be severely restricted in the amount of energy they can draw, seriously impacting pier-side training, maintenance and, more importantly, overall readiness. Navy shore-side mission objectives will also be hampered by the energy restrictions, causing at the very least constant postponement of operations. Security of the electrical system will be sacrificed with the increased loads as minor operational contingencies may lead to major outages resulting in a significant loss of the operational capabilities of the Naval Station,</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VA		
4. Project Title WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE		7. Project Number 367
<p>(...continued)</p> <p>Norfolk. Additionally, the existing electrical distribution system will continue to constitute a serious state of vulnerability to high winds and aircraft mishaps. Damage to the system from either high winds or an aircraft would represent yet another source of a loss of electrical power as the multiple circuits located on the same poles would all be lost at the same time. Without the new electrical distribution system, the Naval Station will continue to operate with an undersized, antiquated system that is costly to maintain and operate and does not allow for economically feasible expansion capabilities.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 12/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 825</p> <p>(B) All Other Design Costs..... 275</p> <p>(C) Total..... 1100</p> <p>(D) Contract..... 700</p> <p>(E) In-House..... 400</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 06/03</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VA		
4. Project Title WATERFRONT ELECTRICAL UPGRADE INCLUDING CONNECTION CHARGE		7. Project Number 367
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title DEPERMING PIER REPLACEMENT	
5. Program Element 0204896N	6. Category Code 151.80	7. Project Number 302	8. Project Cost 2,810	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
DEPERMING PIER REPLACEMENT (30,850 LF)	m	9,403	200	1,880
SUPPORTING FACILITIES	LS	-	-	640
DEMOLITION	LS	-	-	(640)

SUBTOTAL	-	-	-	2,520
Contingency (5.0%)	-	-	-	130

TOTAL CONTRACT COST	-	-	-	2,650
Supervision Inspection & Overhead (6.0%)	-	-	-	160

TOTAL REQUEST	-	-	-	2,810
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
Construct a non-magnetic reinforced concrete pier, catwalks, pilings, fendering, mooring structures, fenders, utilities and the demolition of the portion of Pier DS-4-A.				
11. Requirement: <u>9,403 m</u> Adequate: <u>0 m</u> Substandard: <u>0 m</u>				
PROJECT:				
Project replaces a portion of pier DS-4-A at NS Norfolk. (Current mission)				
REQUIREMENT:				
An adequate deperming pier is required to provide mooring, access, and a stable multi-platform capable of deperming all types of surface ships assigned to this major homeport complex. The deperming facility provides for the magnetic stabilization of surface ships. This process makes ships less detectable by sensors and weapons that are capable of detecting magnetic fields. Future loading includes twelve to fourteen ships a year requiring the services of this facility.				
U. S. Navy ships require deperming after new construction, major overhauls, and when the ship's hull does not meet magnetic field emission thresholds. The deperming process stabilizes the ships electromagnetic condition and allows the ship's degaussing system to reduce, to an acceptable level, the ship's electromagnetic signature and vulnerability to magnetic sea mines and sensors.				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title DEPERMING PIER REPLACEMENT		7. Project Number 302
<p>(...continued)</p> <p>Naval Station, Norfolk's Magnetic Silencing Facility (MSF) is the only surface ship facility on the east coast and is the only one in the world that can deperm an aircraft carrier.</p> <p>CURRENT SITUATION:</p> <p>Pier DS-4-A is wooden, structurally inadequate and badly deteriorated. A recent engineering inspection and assesement as well as previous studies have determined that Pier DS-4-A is not economical to repair. Without this project the deperming facility will not be able to safely perform the required mission and will require maintenance expenditures that will only serve as short term fixes. There is an existing backlog of nineteen ships that require deperming to ensure safe deployment. In 1997, CNO released a message allowing ships to perform a 'Soft Deperming' using the ship's internal systems. The 'Soft Deperming' stresses the systems and the crews and does not complete a comprehensive and accurate deperming.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Continued deterioration will result in structural failure and possible personnel injury and will impair the mission of the facility. The ultimate failure of the pier will increase the nineteen ship backlog which continue to send ships on deployment with less than satisfactory magnetic signature levels and increase danger for the crew and the ships.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/00</p> <p>(B) Date Design 35% Complete..... 04/01</p> <p>(C) Date Design Complete..... 08/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title DEPERMING PIER REPLACEMENT		7. Project Number 302
<p>(...continued)</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 140</p> <p>(B) All Other Design Costs..... 70</p> <p>(C) Total..... 210</p> <p>(D) Contract..... 180</p> <p>(E) In-House..... 30</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 11/01</p> <p>(6) Construction Completion..... 12/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION	
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 269	8. Project Cost 14,730	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS MODERNIZATION (134,936 SF)	m2	12,536	-	12,620
BUILDING MODERNIZATION (134,936 SF)	m2	12,536	912	(11,430)
ANTI TERRORISM/FORCE PROTECTION	LS	-	-	(710)
INFORMATION DATA SYSTEM	LS	-	-	(320)
TECHNICAL OPERATING MANUALS	LS	-	-	(160)
SUPPORTING FACILITIES	LS	-	-	620
ROADS, PARKING, SIDEWALKS	LS	-	-	(310)
SITE IMPROVEMENTS	LS	-	-	(310)

SUBTOTAL	-	-	-	13,240
Contingency (5.0%)	-	-	-	660

TOTAL CONTRACT COST	-	-	-	13,900
Supervision Inspection & Overhead (6.0%)	-	-	-	830

TOTAL REQUEST	-	-	-	14,730
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Renovate a two-story reinforced concrete Bachelor Enlisted Quarters (BEQ) to provide 190 '1+1' E-1 through E-4 modules to include two sleeping rooms with a kitchenette, bathroom, and closets. Project includes exterior stairs, interior and exterior walls, interior finishes, and interior and exterior doors. The deteriorated plumbing system will be replaced including piping, vents, drains, lavatory countertops and cabinets, water closets, urinals, and bathtubs. The heating, ventilating, and air conditioning system will be upgraded by replacing piping, two-pipe fan coil units, air handler units and ductwork with four-pipe fan coil units to include associated piping and ductwork. This will require removal and replacement of the ceiling to access associated equipment, piping, and ductwork. The electrical wiring, panelboards, and lighting systems will be replaced with materials that meet the requirements of the National Electrical Code. Additional room circuits and outlets and, where needed, ground fault interrupter devices will meet code requirements. The building will require installation of sprinkler, smoke detection, and fire alarm systems to meet life safety codes. The installation will require</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 269
<p>(...continued)</p> <p>major demolition and repair of the existing interior walls and ceilings. There is also a need to remove asbestos containing materials from floor tiles and pipe lagging throughout the entire facility. In addition to the berthing modules, this project will include a core area with public and administrative spaces, lobby and entry vestibules, telephone stations, public restrooms, television/lounge/game rooms, vending areas, housekeeping areas, laundry, and building storage. Other building systems requiring repair include handicap access and site improvements.</p> <p>Intended Utilization: 380 E1-E4 Maximum Utilization: 380 E1-E4</p>		
<p>11. Requirement: <u>957 PN</u> Adequate: <u>368 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT: Modernizes Bachelor Enlisted Quarters U-16 at the Naval Station, Norfolk, Virginia. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate bachelor enlisted quarters are required to provide adequate berthing facilities for military personnel assigned to Naval Station, Norfolk. This project will demolish one of the last open bay bachelor enlisted quarters in the Norfolk area.</p> <p>CURRENT SITUATION:</p> <p>Bachelor Enlisted Quarters U-16 is a two story, 12,536 square meter, reinforced concrete and brick structure. It was constructed in 1939 and provides berthing for E-1 through E-4 enlisted personnel. This building has an open bay section and has central bathrooms. The building components are completely deteriorated and currently violate life, Americans with Disabilities Act, fire and safety codes. Deteriorated building systems include exterior stairs, interior and exterior walls, interior finishes, interior and exterior doors, and plumbing system. The heating, ventilating, and air conditioning system has reached the end of its useful life. The fan coil units and associated piping system is outdated and inadequate to meet the heating and cooling loads. The electrical wiring, panelboards, and lighting systems are severely deteriorated and obsolete. The room lighting has inadequate foot-candle levels and non-uniformity. There is also a need to remove asbestos containing materials from floor tiles and pipe lagging throughout the entire facility.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 269
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to provide necessary repairs to Bachelor Enlisted Quarters U-16 will result in continued nonconformance to current Navy standards and noncompliance with building safety codes. Personal safety of the residents will continue to be compromised if this project is not implemented. Delayed funding and scheduling will result in higher project costs due to inflation and increased disrepair to the Bachelor Enlisted Quarters.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/00</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 06/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 700</p> <p>(B) All Other Design Costs..... 300</p> <p>(C) Total..... 1000</p> <p>(D) Contract..... 800</p> <p>(E) In-House..... 200</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 06/03</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 269
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 1056</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 2308</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 54613</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)		
5. Program Element 0204896N	6. Category Code 211.05	7. Project Number 525	8. Project Cost 14,100		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD) (42,313 SF)	m2	3,931	-	7,320	
TYPE I MODIFIED MAINTENANCE HANGAR (42,313 SF)	m2	3,931	1,239	(4,870)	
BUILT-IN EQUIPMENT	LS	-	-	(1,800)	
INFORMATION SYSTEMS/SECURE VAULT	LS	-	-	(200)	
TECHNICAL OPERATING MANUALS	LS	-	-	(210)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)	
RELOCATION OF EXISTING EQUIPMENT	LS	-	-	(200)	
SUPPORTING FACILITIES	LS	-	-	5,350	
SPECIAL FOUNDATION	LS	-	-	(330)	
ELECTRICAL UTILITIES	LS	-	-	(420)	
MECHANICAL UTILITIES	LS	-	-	(1,400)	
ROADS, PARKING, AND SIDEWALKS	LS	-	-	(230)	
SITE IMPROVEMENTS	LS	-	-	(900)	
DEMOLITION	LS	-	-	(1,870)	
ENGINE WASH	LS	-	-	(200)	

SUBTOTAL	-	-	-	12,670	
Contingency (5.0%)	-	-	-	630	

TOTAL CONTRACT COST	-	-	-	13,300	
Supervision Inspection & Overhead (6.0%)	-	-	-	800	

TOTAL REQUEST	-	-	-	14,100	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>This project will construct a one module, Type I Modified Aircraft Maintenance Hangar on reinforced concrete pile foundation. Construction features for the hangar consist of reinforced concrete floors, steel frame and Concrete Masonry Unit (CMU) walls, cantilevered steel roof framing, built-up roofing, pre-action, closed head fire sprinkler system in administrative areas and hangar overhead supplemented by floor mounted aqueous film forming foam (AFFF) sprinkler nozzles in the hangar bay, and two 4,536 kilogram bridge cranes. The hangar will contain administrative, equipment and maintenance space. Additional items include utilities</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)		7. Project Number 525
<p>(...continued)</p> <p>(electrical and mechanical), optimize/office automation, site improvements, 400Hz DC power distribution system, compressed air system, anti-terrorism/force protection features, air conditioning and heating of personnel administrative spaces, and state of the art energy savings equipment. This project will also replace an engine wash station outside LP13 that will be demolished for construction of the new hangar. Project includes demolition of seven buildings (12,453 square. meters), including asbestos and lead paint removal. Project includes repair to parking area for 195 vehicles, relocation of flightline security fence with access gates, installing a 500mm diameter non-potable water line from P-523 (for AFFF) including removing and replacing concrete airfield pavement, installing a 151,400 liter underground storage tank for AFFF discharge containment, installing an oil/water separator, removing concrete airfield pavement, regrading and installing a new storm drainage system around the new hangar, connecting potable water and sanitary lines to existing systems, providing new concrete airfield pavement around the hangar, providing all new privately owned vehicles (POV) and airfield striping, and providing temporary fences/barriers/barricades during construction.</p>		
<p>11. Requirement: <u>3,931 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>This project will construct a one module, Type I Aircraft Maintenance Hangar for the C-2A aircraft. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate maintenance hangar space and aircraft parking apron are required at Chambers Field. NS Norfolk has a total requirement for 36,582-square meters of Type I hangar space, including the five adequate modules. This project will construct a one module, Type I Aircraft Maintenance Hangar for the C-2A aircraft. Squadrons operate under the detachment concept with six detachments that have two aircraft each. This project will demolish 12,453-square meters of inadequate hangar and supporting space. This requirement is based on the updated module footprint and height.</p> <p>CURRENT SITUATION:</p> <p>NS Norfolk has nine WWII maintenance hangars designed for aircraft no longer used by the Navy. These hangars are beyond economical repair and need to be replaced. The hangars and aircraft are divided between the SP area, north of Bellinger Boulevard, the main traffic artery through the Naval Station, and the LP area, south of Bellinger. Fixed-wing access from the SP area to the runway can only be achieved by taxiing aircraft</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)		7. Project Number 525
<p>(...continued)</p> <p>across Bellinger. The Chambers Field Norfolk Hangar Plan has provided an overall plan to demolish the nine old hangars and consolidate the squadrons into six new hangars, ultimately relocating all fixed wing aircraft into hangars in the LP area to eliminate conflict with base automobile traffic. Based upon the recent repair of two of these WWII hangars, \$40,000,000 of repair funds would be required to continue using the remaining hangars. This repair cost will not bring these hangars up to the standards of a modern hangar. The electrical panels in these hangars are out of date. Numerous electrical code violations and national fire code violations exist in these hangars. The configuration does not satisfy the administrative/shop space requirements of today's squadrons, resulting in the use of line shacks outside the hangars. The existing hangars are a major Quality of Life in the workplace issue.</p> <p>This project will allow VRC40 to relocate from hangar LP3, which is exhibiting deterioration. In LP4, the existing two 225 KVA 120/208 volt transformers are too antiquated to support new frequency converters and motor generator sets for two squadrons. The line shacks are heated with portable electric heaters and use window air-conditioners during the summer months.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Failure to replace these hangars increases the threat to personnel from falling roof boards or electrical shock and will increase damage to aircraft and equipment. Continuing to use these hangars will require emergency repairs and costly utility bills for hangars with large footprints that lack the required administrative and maintenance spaces. Because of the deficiency of shop/administrative space in the design of the existing hangars, several outside line shacks heated by space heaters and cooled by window box air conditioners, must be stationed outside each hangar. An insufficient amount of electrical power exists, reducing the number of computers and fax machines that can be used and risking damage to computers and repair equipment. Electrical problems will continue to cause delays in receiving parts, training time, and maintenance. Failure of the walls has already begun in LP14. Failure to demolish these nine hangars will require \$40,000,000 of real property maintenance funds for repairs over the next five years or the closure of more hangars for safety reasons.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title AIRCRAFT MAINTENANCE HANGAR (CHAMBERS FIELD)		7. Project Number 525
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 760</p> <p>(B) All Other Design Costs..... 253</p> <p>(C) Total..... 1013</p> <p>(D) Contract..... 633</p> <p>(E) In-House..... 380</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 09/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK, VIRGINIA			4. Project Title WATERFRONT ELECTRICAL UPGRADE	
5. Program Element 0204796N	6. Category Code 812.12	7. Project Number 366	8. Project Cost 12,900	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERFRONT ELECTRICAL UPGRADE	LS	-	-	11,590
PIER 4 ELECTRICAL DISTRIBUTION/SUBSTATIONS	LS	-	-	(5,830)
PIER 23 ELECTRICAL DISTRIBUTION/SUBSTATIONS	LS	-	-	(3,600)
NORTH QUAYWALL SUBSTATION	LS	-	-	(720)
SOUTH QUAYWALL SUBSTATION	LS	-	-	(720)
DEMOLITION	LS	-	-	(80)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(540)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	-

SUBTOTAL	-	-	-	11,590
Contingency (5.0%)	-	-	-	580

TOTAL CONTRACT COST	-	-	-	12,170
Supervision Inspection & Overhead (6.0%)	-	-	-	730

TOTAL REQUEST	-	-	-	12,900
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project provides skid mounted secondary unit substations designed to be placed on top of the pier decks and supply shore-to-ship power. Power capacity will be increased from 19.8 MVA to 24 MVA at Pier 23, 9.75 MVA (3.75 MVA supplemented by Mobile Utility Support Equipment (MUSE)) to 32 MVA at Pier 4, 1 MVA to 4 MVA at North Quaywall, and 2 MVA to 4 MVA at South Quaywall. Secondary unit substations will consist of secondary transformers, switchgear, breakers, and shore power outlets in weatherproof enclosures compatible for use on all 34.5 kV upgraded piers. Upgrades to the subject piers/quaywalls include converting the pier/quaywall distribution systems to 34.5kV and providing industrial power. The existing shore distribution system will also be upgraded, including force protection, to facilitate providing 34.5kV service to the subject piers/quaywalls. This project will demolish existing warehouse pier vaults on Pier 4, shore power switchgear building CEP 208 at pier 23, and associated pier/quaywall distribution systems. Backup skid mounted secondary unit substations will be provided to facilitate off-pier</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title WATERFRONT ELECTRICAL UPGRADE		7. Project Number 366
(...continued) maintenance, minimizing outages.		
11. Requirement: <u>0LS</u> Adequate: <u>0LS</u> Substandard: <u>0LS</u> PROJECT: Upgrades electrical power system to provide required power capacity to homeported ships. (Current mission) REQUIREMENT: Increased capacity of the shore-to-ship power systems is required to support increased numbers of DDG-51 and CG-47 class ships which draw one and a half to two times the power of the ships they replaced and to support nesting of ships with full cold iron support to maximize the available berthing. With the electrical upgrades Pier 4 will be able to handle the most power intensive ship to date, the LPD-17; Pier 23 will be able to consistently provide the special power requirements of submarines; and the North and South Quaywalls will be able to provide adequate power for ship decomissionings, support maintenance barges and other industrial operations. CURRENT SITUATION: The existing shore power system for ships does not have the capacity nor provide the system flexibility to support the existing and future ship classes planned for homeporting at Naval Station (NAVSTA) Norfolk, Virginia. The pier substation equipment installed on these piers is nearing the end of its functional life. Three separate power casualties affecting four vessels on Pier 23 alone occurred in the first two months of calendar year 2001. Average port loading requires that ship classes with shore power requirements greater than the pier capacity berth on these piers on a regular and recurring schedule. The lack of existing power capacity forces DDG-51 and CG-47 class ships to operate with insufficient shore power, resulting in negative impacts to the quality of life for ship force, increased work load required to maintain and operate supplemental generators, and reduced pier side maintenance and training capability. IMPACT IF NOT PROVIDED: Without this project, NAVSTA will not be able to provide adequate electrical support to ships during normal berthing loads and will endure more severe shortages during peak berthing loads. The inability of NAVSTA to provide power requires homeported ships to operate onboard power		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title WATERFRONT ELECTRICAL UPGRADE		7. Project Number 366
<p>(...continued)</p> <p>generation systems. The in-port operation of these systems increases operational cost and wear on the equipment that reduces at sea availability. Currently NAVSTA is required to perform numerous berth shifts per month to make accommodations for ships that have high power demands. This increases Port Operations operating and manpower costs. Ships' force training and maintenance functions suffer major negative impacts as a result of insufficient power capacity at NAVSTA. Other negative impacts include increased ships' force workload requirements to operate supplemental generators to meet power needs.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 695</p> <p>(B) All Other Design Costs..... 232</p> <p>(C) Total..... 927</p> <p>(D) Contract..... 580</p> <p>(E) In-House..... 347</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 07/04</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62688 NAVAL STATION NORFOLK, VIRGINIA		
4. Project Title WATERFRONT ELECTRICAL UPGRADE		7. Project Number 366
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																							
3. Installation and Location/UIC: M00262 MARINE CORPS AIR FACILITY QUANTICO, VIRGINIA					4. Command Commandant of the Marine Corps		5. Area Constr Cost Index 0.94																							
6. Personnel Strength	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
a. As Of 9/30/01	13	133	15	0	0	0	95	611	28	895																				
b. End FY 2007	13	133	15	0	0	0	92	605	28	886																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (60,534.00) b. INVENTORY TOTAL AS OF 30 Sep 2001..... 435,114.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 29,410.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,790.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 10,580.00 g. REMAINING DEFICIENCY..... 1,480.00 h. GRAND TOTAL..... 480,374.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%; text-align: right;">Cost</td> <td style="width: 25%; text-align: right;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td style="text-align: right;"><u>Scope</u></td> <td style="text-align: right;"><u>(\$000)</u></td> </tr> <tr> <td>141.20</td> <td>FIRE AND RESCUE STATION</td> <td style="text-align: right;">0 LS</td> <td style="text-align: right;">3,790</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">3,790</td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	141.20	FIRE AND RESCUE STATION	0 LS	3,790			-----		TOTAL			3,790
Category		Cost	Design Status																											
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>																											
141.20	FIRE AND RESCUE STATION	0 LS	3,790																											

TOTAL			3,790																											
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
None																														
b. Major Planned Next Three Years:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">113.20</td> <td style="width: 45%;">AIRCRAFT PARKING APRON</td> <td style="width: 15%; text-align: right;">0 LS</td> <td style="width: 25%; text-align: right;">10,580</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td></td> <td style="text-align: right;">10,580</td> </tr> </table>											113.20	AIRCRAFT PARKING APRON	0 LS	10,580			-----		TOTAL			10,580								
113.20	AIRCRAFT PARKING APRON	0 LS	10,580																											

TOTAL			10,580																											
c. Real Property Maintenance Backlog (\$000): \$ 2,210																														
10. Mission Or Major Functions:																														
<p>Note: Block 7a and 7b - Total Acreage and Total Inventory numbers are the Host Activity M00264</p> <p style="margin-left: 40px;">MCB, Quantico, VA</p> <p>Provide services and material to support the aviation requirements of the Marine Corps Combat Development Command, Quantico, Virginia, and to support operations of other activities and units as designated by the Commandant of the Marine Corps.</p>																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00262 MARINE CORPS AIR FACILITY QUANTICO, VIRGINIA			4. Project Title FIRE AND RESCUE STATION		
5. Program Element 0206496M	6. Category Code 141.20	7. Project Number 516	8. Project Cost 3,790		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
FIRE AND RESCUE STATION (13,929 SF)	m2	1,294	-	2,260	
AIRCRAFT FIRE AND RESCUE STATION (13,929 SF)	m2	1,294	1,613	(2,090)	
BUILT IN EQUIPMENT	LS	-	-	(110)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	1,030	
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(110)	
ELECTRICAL UTILITIES	LS	-	-	(150)	
MECHANICAL UTILITIES	LS	-	-	(130)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(530)	
DEMOLITION	LS	-	-	(110)	

SUBTOTAL	-	-	-	3,290	
Contingency (5.0%)	-	-	-	160	

TOTAL CONTRACT COST	-	-	-	3,450	
Supervision Inspection & Overhead (6.0%)	-	-	-	210	

SUBTOTAL	-	-	-	3,660	
DESIGN BUILD DESIGN COST	LS	-	-	130	

TOTAL REQUEST	-	-	-	3,790	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a one story firehouse with a two story dispatch tower elevated a minimum of one foot above the 100 year flood plane. The structure will be steel frame with steel columns on encased concrete piles, and structurally framed reinforced concrete slab on grade beams. Exterior walls shall be Concrete Masonry Unit (CMU) block, insulation cavity and brick veneer with cast stone accents. Roof shall be structural steel with steel purlins and metal decking finished with asphalt shingles. Electrical systems include fire alarms, emergency generator, and information systems. Mechanical systems include plumbing, fire protection systems, and heating, ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00262 MARINE CORPS AIR FACILITY QUANTICO, VIRGINIA		
4. Project Title FIRE AND RESCUE STATION		7. Project Number 516
<p>(...continued)</p> <p>sewers, electrical, telephone, local area network (LAN), and cable television (CATV)). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. The new facility will provide drive-through stalls for eight (8) emergency vehicles, alarm/communications center, training facilities, living quarters, recreation/dining areas, administration spaces, maintenance/storage areas, a two-story dispatch tower, and related support spaces. Also includes technical operating manuals; anti-terrorism/force protection features, and demolition of the existing building (to include lead and asbestos abatement).</p>		
<p>11. Requirement: <u>1,294 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Construct an Aircraft Fire and Rescue Station and demolish the existing undersized Aircraft Fire and Rescue Station. (Current mission)</p> <p>REQUIREMENT:</p> <p>An Aircraft Rescue and Fire Fighting (ARFF) facility is required to support airfield operations aboard Marine Corps Air Facility, Quantico, VA. The size of the facility was determined utilizing draft criteria from NAVFAC P-80, CCN 141.20, Class A runway for aircraft less than 90,000 pounds. MIL-HDBK-1024/1 Aviation Support Facilities was also used in the requirements planning. The project provides space for aircraft fire and rescue vehicles, dispatcher's tower and alarm room office, dormitories, training room, messing facilities, and maintenance and storage room. The ARFF Unit is comprised of 47 personnel and eight (8) fire fighting apparatus that must be able to respond to any aircraft emergencies on extremely short notice 24 hours a day. The area prescribed in the P-80 criteria was too small to park all eight apparatus. The size of the apparatus area of the facility was expanded by 210 square meters to accommodate the eight firefighting apparatus' assigned to the unit. The ARFF facility must be located aboard the air facility and must have immediate and unobstructed access to runways and taxiways at all times. Quantico Air Facility Master Development Plan calls for the existing ARFF Facility to be demolished in order to construct three new hangers and apron space for the tenant squadron aboard the air facility. Construction of these hangers is expected to begin in FY2004.</p> <p>CURRENT SITUATION:</p> <p>The size of the existing ARFF Facility (Building 5156, 696 square meters) does not meet the current mission requirements to support the existing</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00262 MARINE CORPS AIR FACILITY QUANTICO, VIRGINIA		
4. Project Title FIRE AND RESCUE STATION		7. Project Number 516
<p>(...continued)</p> <p>number of aircraft before additional V-22 aircraft are added. It is clearly undersized, especially considering the eight (8) apparatus and 47 billets assigned. Its current location is poorly sited and constructed at an elevation susceptible to flooding (below the 100 year flood plain). The building often floods during heavy rainfall, which adversely effects emergency response time. It is also sited in direct conflict with the proposed master development plan, which calls for three (3) hangers and supporting apron space to be constructed in FY2004, prior to the arrival of the additional aircraft. The existing hangars are currently being utilized under a safety waiver for violation of standoff distance from the runways.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>This project is part of the MCAF Master Development Plan to eliminate safety violations and provide required support. The undersized, flood prone facility jeopardizes emergency response time and risks the loss of personnel and valuable equipment. If the existing facility is not demolished, the VH-3NH-60 hangars cannot be sited in the proposed area, which will require the airfield to continue to operate with airfield safety waivers.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 02/01</p> <p>(C) Date Design Complete..... 04/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 30%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00262 MARINE CORPS AIR FACILITY QUANTICO, VIRGINIA		
4. Project Title FIRE AND RESCUE STATION		7. Project Number 516
<p>(...continued)</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 108</p> <p>(C) Total..... 108</p> <p>(D) Contract..... 36</p> <p>(E) In-House..... 72</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 04/02</p> <p>(6) Construction Completion..... 04/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR CYNTHIA KILLMEYEREBERT Phone No: 703-784-2971</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA						4. Command Commandant of the Marine Corps			5. Area Constr Cost Index 0.94	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	149	1,345	1,071	995	697	1,444	725	1,901	2,624	10,951
	161	1,247	989	1,541	1,177	1,681	1,354	2,807	4,465	15,422
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (60,534.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 435,114.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 29,410.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 9,390.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 12,110.00										
g. REMAINING DEFICIENCY..... 224,561.00										
h. GRAND TOTAL..... 710,585.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>		
721.26	BACHELOR ENLISTED QUARTERS (45,747 SF)					4,250 m2	9,390	12/99 03/02		
TOTAL							9,390			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
171.10	CANDIDATE INSTRUCTION FAC					0 LS	5,190			
610.10	H&S BN HQTR, TBS					0 LS	2,970			
143.45	ARMORY SM-ARMS/AMMO/EM GR (9,505 SF)					883 m2	3,950			
TOTAL							12,110			
c. Real Property Maintenance Backlog (\$000): \$ 48,580										
10. Mission Or Major Functions:										
Develop, in coordination with agencies and representatives of other services, the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations; support Marine Corps requirements for long range planning by identifying required study areas and by initiating study of such areas, in coordination with other government and civilian contract agencies; educate officers in the principles, tactics and										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		4. Command Commandant of the Marine Corps	5. Area Constr Cost Index 0.94
<p>(...continued)</p> <p>techniques of warfare, with particular emphasis on the landing force aspects of amphibious operations in air-ground combat forces of the Marine Corps; educate staff noncommissioned officers with the requisite responsibilities; exercise academic supervision over all Marine Corps formal schools (less recruit training); and other functions as directed by the Commandant of the Marine Corps.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA			4. Project Title BACHELOR ENLISTED QUARTERS (SNCO)		
5. Program Element 0805796M	6. Category Code 721.26	7. Project Number 486	8. Project Cost 9,390		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS (SNCO) (45,747 SF)	m2	4,250	-	6,910	
BACHELOR ENLISTED QUARTERS (45,747 SF)	m2	4,250	1,442	(6,130)	
BUILT-IN EQUIPMENT	LS	-	-	(230)	
INFORMATION SYSTEMS	LS	-	-	(80)	
TECHNICAL OPERATING MANUALS	LS	-	-	(90)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(380)	
SUPPORTING FACILITIES	LS	-	-	1,230	
ELECTRICAL UTILITIES	LS	-	-	(110)	
MECHANICAL UTILITIES	LS	-	-	(80)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(380)	
DEMOLITION	LS	-	-	(660)	

SUBTOTAL	-	-	-	8,140	
Contingency (5.0%)	-	-	-	410	

TOTAL CONTRACT COST	-	-	-	8,550	
Supervision Inspection & Overhead (6.0%)	-	-	-	510	

SUBTOTAL	-	-	-	9,060	
DESIGN/BUILD - DESIGN COST	LS	-	-	330	

TOTAL REQUEST	-	-	-	9,390	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	570	
10. Description of Proposed Construction					
<p>Constructs a multi-story brick-faced, cast stone-detailed Georgian-style building providing 100 rooms in the standard 2X0 room configuration (50 modules) with semi-private bathrooms and walk-in closets. Community, and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, and heating ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, local area network (LAN), and cable television</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS (SNCO)		7. Project Number 486
<p>(...continued)</p> <p>(CATV)). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. Also includes technical operating manuals; anti-terrorism/force protection in compliance with the interim guidance dated 16 Dec 1999, and demolition of two buildings (to include lead and asbestos abatement). Project will match existing 2000 series barracks on base per the Base Exterior Architecture Plan (BEAP).</p> <p>Intended Grade Mix: 100 E4-E5, 100 E6-E9 (Students). Total: 200 Persons. Maximum Utilization: 200 E1-E4</p>		
<p>11. Requirement: <u>2,294 PN</u> Adequate: <u>895 PN</u> Substandard: <u>387 PN</u></p> <p>PROJECT:</p> <p>Provides 200 living spaces for bachelor enlisted personnel (100 two person room) using the 2X0 Quality of Life (QOL) standard room design for permanent party enlisted personnel to house 200 enlisted personnel (E5-E7) attending the Staff Non-Commissioned Officer (SNCO) Academy at MCB Quantico, VA. (Current mission)</p> <p>REQUIREMENT:</p> <p>This project is needed to provide adequate billeting which meets quality of life standards for enlisted personnel attending the SNCO Academy at MCB Quantico, VA. This project also supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2X0 configured barracks.</p> <p>CURRENT SITUATION:</p> <p>Enlisted Marines attending the Staff Non-Commissioned Officer (SNCO) Academy at MCB Quantico, VA are currently billeted in an inadequate 1943-vintage building that is in an extreme state of disrepair. Heavily laden with asbestos, the overcrowded building is poorly heated, has no air-conditioning, and cannot support window air-conditioners due to a weak electrical system. Plumbing leaks have resulted in rotting floor members and joists. Poor drainage and foundation leaks have created standing water beneath the building, resulting in a foul odor pervading the entire building. Average Academy attendance causes overflow from this building into two other substandard BEQs that also do not meet the minimum DoD standards of adequacy for 2X0 billeting and severely impact the quality of life and morale of the students.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA		
4. Project Title BACHELOR ENLISTED QUARTERS (SNCO)		7. Project Number 486
<p>(...continued)</p> <p>Deferral of this project will result in the continued use of inadequate and substandard facilities to house enlisted Marines attending formal education. This will seriously affect the morale of the enlisted Marines, whose attention should be on their Professional Military Education, and make it more difficult for the Marine Corps to motivate and retain these specially selected, highly skilled, and experienced leaders.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 12/00</p> <p>(C) Date Design Complete..... 03/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 410</p> <p>(C) Total..... 410</p> <p>(D) Contract..... 40</p> <p>(E) In-House..... 370</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 12/01</p> <p>(6) Construction Completion..... 04/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01												
3. Installation and Location/UIC:M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA															
4. Project Title BACHELOR ENLISTED QUARTERS (SNCO)			7. Project Number 486												
<p>(...continued)</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>-----</td> <td>-----</td> <td>-----</td> <td>-----</td> </tr> <tr> <td>Furnishings</td> <td>O&MMC</td> <td>2003</td> <td>570</td> </tr> </tbody> </table> <p>Activity POC: CDR CYNTHIA KILLMEYER EBERT Phone No: (703)-784-2971</p>				Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	-----	-----	-----	-----	Furnishings	O&MMC	2003	570
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)												
-----	-----	-----	-----												
Furnishings	O&MMC	2003	570												

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																			
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR WASHINGTON						4. Command STRATEGIC SYSTEMS PROGRAM OFFICE			5. Area Constr Cost Index 1.16																	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																	
	424	4,772	2,930	0	0	0	65	90	0	8,281																
	465	4,879	1,635	0	0	65	90	0	0	7,134																
7. INVENTORY DATA (\$000)																										
a. TOTAL ACREAGE (0.00)																										
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 147,891.00																										
c. AUTHORIZATION NOT YET IN INVENTORY..... 10,450.00																										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,900.00																										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 7,279.00																										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 607.00																										
g. REMAINING DEFICIENCY..... 9,649.00																										
h. GRAND TOTAL..... 179,776.00																										
8. Projects Requested In This Program:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>932.20</td> <td>UTILS & SITE IMPVS</td> <td>0 LS 3,900</td> <td>12/99 08/01</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>3,900</td> <td></td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	932.20	UTILS & SITE IMPVS	0 LS 3,900	12/99 08/01	TOTAL		3,900	
Category		Cost	Design Status																							
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																							
932.20	UTILS & SITE IMPVS	0 LS 3,900	12/99 08/01																							
TOTAL		3,900																								
9. Future Projects:																										
a. Included In The Following Program (FY 2003):																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">212.77</td> <td style="width: 45%;">MISSILES SPARES STRG BLDG</td> <td style="width: 15%;">0 LS 7,279</td> <td style="width: 25%;"></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>7,279</td> <td></td> </tr> </table>											212.77	MISSILES SPARES STRG BLDG	0 LS 7,279		TOTAL		7,279									
212.77	MISSILES SPARES STRG BLDG	0 LS 7,279																								
TOTAL		7,279																								
b. Major Planned Next Three Years:																										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">932.20</td> <td style="width: 45%;">UTIL & SITE IMPVS (PH III)</td> <td style="width: 15%;">0 LS 607</td> <td style="width: 25%;"></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>607</td> <td></td> </tr> </table>											932.20	UTIL & SITE IMPVS (PH III)	0 LS 607		TOTAL		607									
932.20	UTIL & SITE IMPVS (PH III)	0 LS 607																								
TOTAL		607																								
c. Real Property Maintenance Backlog (\$000): \$ 9,690																										
10. Mission Or Major Functions:																										
<p>Provide support on west coast for the operational TRIDENT system of submarines and long range missiles, including processing capability for assembly and disassembly of both explosive and non-explosive components of the TRIDENT II (D-5) missile.</p> <p>Note: Block 6 personnel strength numbers are for Host Activity, Naval Submarine Base, Bangor</p>																										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR WASHINGTON		4. Command STRATEGIC SYSTEMS PROGRAM OFFICE	5. Area Constr Cost Index 1.16
<p>(...continued)</p> <p>Note: The Block 7 Total Acreage number is for Bremerton Naval Complex.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON			4. Project Title UTILITIES AND SITE IMPROVEMENTS	
5. Program Element 0101221N	6. Category Code 932.20	7. Project Number 955	8. Project Cost 3,900	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
UTILITIES AND SITE IMPROVEMENTS	LS	-	-	3,500
ROAD IMPROVEMENTS	LS	-	-	(750)
SECURITY IMPROVEMENTS	LS	-	-	(1,420)
BALLAST CAN FACILITY	LS	-	-	(1,130)
RAILROAD SIDING FENCE	LS	-	-	(80)
ENVIRONMENTAL MITIGATION	LS	-	-	(120)
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	3,500
Contingency (5.0%)	-	-	-	180

TOTAL CONTRACT COST	-	-	-	3,680
Supervision Inspection & Overhead (6.0%)	-	-	-	220

TOTAL REQUEST	-	-	-	3,900
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Provides, modifies, or upgrades existing roads, berms, utility systems; site improvements, temporary or permanent security facilities, fencing, apron improvements, electrical and communication system modifications, ballast can storage area, environmental mitigation. Road improvements include asphalt concrete pavement, roadway excavation and haul, gravel borrow and haul, seeding, fertilizing, mulching, paint striping, replace guy power pole, relocate power pole, remove power pole, underground power lines, road realignments and replace and provide road signals. Security improvements include backlighting the limited area (conduit, duct bank, hand holes, power lighting conduits and controls), perimeter fence protection (excavation, backfill, cable barrier fence and steel pipe swing gate), relocate Charlie Gate (clear site, excavation, hardening walls and electrical), ditch crossing (excavation, backfill, six inch gravel paving, timber crossings, eight and ten inch storm drainage). Ballast Can Facility includes fourteen inch slab on grade, site preparation and clearing, demolition, relocation, excavation and disposal, compaction, grading and site cleanup, roads, guardrails, and barriers, landscaping, water supply, storm sewer and drain gutter. Environmental mitigation for all areas disturbed by construction, includes retention basins,</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON		
4. Project Title UTILITIES AND SITE IMPROVEMENTS		7. Project Number 955
<p>(...continued)</p> <p>re-contouring of disturbed land and seeding. Provides railroad siding fencing and provides security escort services during construction in the limited area.</p>		
<p>11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u></p> <p>PROJECT:</p> <p>This project constructs a ballast can facility to accommodate D5 missile ballast cans, upgrades the existing roads and security facilities, and provides site improvements to support the TRIDENT II missile program at Strategic Weapons Facility, Pacific (SWFPAC). (New mission)</p> <p>REQUIREMENT:</p> <p>This project is part of a multi-year D5 Backfit Program to upgrade facilities built for the TRIDENT I (C4) submarine launched ballistic missile (SLBM) to the larger and heavier TRIDENT II (D5) SLBM. Initial Operating Capability for the D5 system is planned for June 2002. An adequate facility to store 100 D5 missile ballast cans is required. Ballast cans are required to provide seaworthiness for submarines in and out of the shipyards and in areas where explosive ordnance cannot be transported. Ballast cans are replaced with the complement of missiles for deployment. The Ballast Can Facility is required to provide all weather D5 ballast can storage and maintenance facility. New and improved roads, with increased turning radii, are required to ensure the TRIDENT II transportation vehicles can safely and satisfactorily transport larger and heavier D5 missile loads. Security upgrades are necessary to comply with the most current security regulation regarding limited areas in order to adequately protect the Navy's West Coast nuclear storage facility. Completion of work prior to deployment of the D5 missile is critical to the maintenance of continued ongoing TRIDENT I (C4) missile operations.</p> <p>CURRENT SITUATION:</p> <p>The existing C4 SLBM is 34 feet long and weighs 73,000 pounds. The new D5 SLBM is 44 feet long and weighs 130,000 pounds. Current roads are capable of supporting C4 Missile support operations, but are undersized for the larger D5 transportation requirements. The existing ballast can facility supporting the ongoing C4 program is not capable of supporting concurrent D5 program. A new facility is required to support the D5 TRIDENT II storage requirements.</p> <p>IMPACT IF NOT PROVIDED:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON		
4. Project Title UTILITIES AND SITE IMPROVEMENTS		7. Project Number 955
<p>(...continued)</p> <p>If this project is not provided, the Strategic Weapons Facility, Pacific will not be able to fulfill its mission as a TRIDENT II Missile facility in support of the Pacific Fleet deployment schedule and/or the SWFPAC TRIDENT I mission may be negatively impacted during the TRIDENT II construction period. Security for the Navy's west coast nuclear weapons storage area will not be in compliance with current Department Of Defense standards.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 08/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 70%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 200</p> <p>(B) All Other Design Costs..... 125</p> <p>(C) Total..... 325</p> <p>(D) Contract..... 275</p> <p>(E) In-House..... 50</p> <p>(4) Contract Award..... 11/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 03/03</p> <p>B. Equipment associated with this project which will be provided from</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63402 STRATEGIC WEAPONS FACILITY PACIFIC BANGOR, WASHINGTON		
4. Project Title UTILITIES AND SITE IMPROVEMENTS		7. Project Number 955
<p>(...continued)</p> <p>other appropriations: NONE.</p> <p>Activity POC: CDR ROBERT SCHLESINGER Phone No: 360-396-4640</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01																								
3. Installation and Location/UIC: N32416 NAVAL STATION BREMERTON, WASHINGTON					4. Command Commander In Chief, Pacific Fleet					5. Area Constr Cost Index 1.16																				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
	1,143	11,035	11,644	0	0	0	440	2,102	0	26,364																				
	1,082	9,964	11,922	0	0	0	440	2,102	0	25,510																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (6,527.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 376,098.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 1,140.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 24,460.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 34,830.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 8,480.00																														
g. REMAINING DEFICIENCY..... 126,312.00																														
h. GRAND TOTAL..... 571,320.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> <tr> <td>151.20</td> <td>PIER REPLACEMENT (INCR II) (196,850 SF)</td> <td>18,288 m2</td> <td style="text-align: right;">24,460</td> <td>12/98 04/01</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">24,460</td> <td></td> </tr> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	151.20	PIER REPLACEMENT (INCR II) (196,850 SF)	18,288 m2	24,460	12/98 04/01	TOTAL			24,460	
Category	Project Title	Scope	Cost (\$000)	Design Status																										
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																										
151.20	PIER REPLACEMENT (INCR II) (196,850 SF)	18,288 m2	24,460	12/98 04/01																										
TOTAL			24,460																											
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td>721.11</td> <td>BEQ SHIPBOARD ASHORE (102,472 SF)</td> <td>9,520 m2</td> <td style="text-align: right;">34,830</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">34,830</td> <td></td> </tr> </table>											721.11	BEQ SHIPBOARD ASHORE (102,472 SF)	9,520 m2	34,830		TOTAL			34,830											
721.11	BEQ SHIPBOARD ASHORE (102,472 SF)	9,520 m2	34,830																											
TOTAL			34,830																											
b. Major Planned Next Three Years:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td>841.10</td> <td>WATERFRONT REVITALIZATION</td> <td>0 LS</td> <td style="text-align: right;">8,480</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">8,480</td> <td></td> </tr> </table>											841.10	WATERFRONT REVITALIZATION	0 LS	8,480		TOTAL			8,480											
841.10	WATERFRONT REVITALIZATION	0 LS	8,480																											
TOTAL			8,480																											
c. Real Property Maintenance Backlog (\$000): \$ 67,924																														
10. Mission Or Major Functions:																														
<p>Naval Station Bremerton provides harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities. It is homeport to one CVN and four AOE's and is adjacent to Puget Sound Naval Shipyard in the Bremerton Naval Complex.</p> <p>Note: The Block 6a and 6b Personnel Strength numbers and the Block 7a and 7b</p>																														

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: N32416 NAVAL STATION BREMERTON, WASHINGTON	4. Command Commander In Chief, Pacific Fleet	5. Area Constr Cost Index 1.16
(...continued) Total Acreage are for the Host Activity N68436 SUBBASE, Bangor, WA		
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON			4. Project Title PIER DELTA REPLACEMENT (INCREMENT II)		
5. Program Element 0702028N	6. Category Code 151.20	7. Project Number 341A	8. Project Cost Auth 0 Appr 24,460 Auth for Appr 24,460		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
PIER DELTA REPLACEMENT (INCREMENT II) (196,850 SF)	M2	18,288	-	34,850	
PIER STRUCTURE (196,850 SF)	M2	18,288	1,900	(34,750)	
TECHNICAL OPERATING MANUALS	LS	-	-	(100)	
SUPPORTING FACILITIES	LS	-	-	21,260	
CIVIL WORK	LS	-	-	(910)	
MECHANICAL UTILITIES	LS	-	-	(3,340)	
ELECTRICAL UTILITIES	LS	-	-	(5,090)	
UPLAND MECHANICAL UTILITIES	LS	-	-	(4,920)	
UPLAND ELECTRICAL UTILITIES	LS	-	-	(6,700)	
DEMOLITION	LS	-	-	(300)	

SUBTOTAL	-	-	-	56,110	
Contingency (5.0%)	-	-	-	2,810	

TOTAL CONTRACT COST	-	-	-	58,920	
Supervision Inspection & Overhead (6.0%)	-	-	-	3,540	

SUBTOTAL	-	-	-	62,460	
LESS INCR I CONSTRUCTION COST (FY01)	LS	-	-	-35,650	
LESS INCR I DESIGN/BUILD DESIGN COST (FY 01)	LS	-	-	-2,350	

TOTAL REQUEST	-	-	-	24,460	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	300	
10. Description of Proposed Construction					
<p>Single level concrete deck pier (45.72 m x 400 m) supported by concrete piles and concrete pile caps; 4160 V substation at the head of the pier and four 480 V substations in vaults below the deck; pier designed to support the lifting operation of two 140 ton mobile cranes and a uniform live load of 800 psf; utilities include 480 V, 4160 V electrical, steam/condensate return, compressed air, oily waste collection, storm drain collection, potable water, sanitary sewer, 200 pair telephone lines, cabling for fire alarm systems, fiber optic cabling for data systems, and cabling for cable TV systems; pier lighting, utility connection clusters, bollards, cleats, and a fendering system with cathodic protection; new upland primary electrical substation and other upland utility distribution</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title PIER DELTA REPLACEMENT (INCREMENT II)		7. Project Number 341A
<p>(...continued)</p> <p>capacity for services such as steam/condensate return, compressed air, and sanitary sewer services to support the new pier and other current loads within the western area of the Shipyard; technical operating manuals; demolition of existing Pier D.</p>		
<p>11. Requirement: <u>18,288 M2</u> Adequate: <u>0 M2</u> Substandard: <u>6,210 M2</u></p> <p>PROJECT:</p> <p>This project replaces the existing pier with a pier that will have the required structure and utilities capable of supporting all types of Navy ships and specifically a homeported nuclear aircraft carrier (CVN) and four homeported Fast Combat Support Ships (AOEs). (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate facilities are required to support the USS Carl Vinson (CVN 70). Adequate structural capacity is required to support Shipyard's berthing operations and mooring loads for two CVNs simultaneously. Replacing Pier D would enhance the flexibility of the Shipyard to moor a wide range of ships in the base support area. Major modifications are required to increase upland utility system capacity to meet requirements placed on them by the ships either in homeport status or maintenance availability status. Electrical supply is required to support a maximum of three CVNs at the west end of the Shipyard. New Pier D will provide two of these required berths.</p> <p>Puget Sound Naval Shipyard serves as homeport to one CVN and four AOEs. In addition to this homeport loading, the Shipyard's forecast of annual ship loading in support of industrial work is: one carrier, one combatant or auxiliary surface ship, one submarine in overhaul and six submarine inactivations and/or disposals (recycling).</p> <p>The CVN Drydocking Planned Incremental Availability(s) (DPIA) scheduled for FY 2002 require the Shipyard to provide a primary and a secondary homeport berth for the current loading of CVNs. The west side of Pier B is currently the primary CVN homeport berth, as well as a repair berth used for the completion of DPIAs. Pier B has served as the interim homeport for the USS Nimitz (CVN 68) while often doubling as an overhaul pier for CVNs completing a docking availability. The assignment of five CVNs to the westcoast requires Drydock 6/Pier B complex to become a dedicated repair DPIA pier.</p> <p>CURRENT SITUATION:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title PIER DELTA REPLACEMENT (INCREMENT II)		7. Project Number 341A
<p>(...continued)</p> <p>Pier D is currently the secondary CVN homeport berth. When Pier B becomes a repair pier, the west side of Pier D will become the primary homeport berth and the Shipyard will be left without a secondary homeport berth for the CVN.</p> <p>The Shipyard presently has two substandard piers capable of mooring a CVN, Piers D and B, but neither pier complies with homeporting criteria. Their dimensions do not provide adequate turn-around space for vehicles (emergency vehicles and trucks included), limit pier traffic, and complicate operation of all weight handling equipment on the pier. Equipment and supply loading operations are severely restricted and require extended time periods. The current pier can only support one loading operation at a time. The narrow pier restricts fire and emergency vehicle access, resulting in potential safety problems. Structural capacity of the pier limits large vehicle traffic and severely limits operation of mobile cranes. Structural capacity to resist wind and mooring loads placed on the pier by CVNs is also marginal. Mooring bollards on the pier currently do not meet required load ratings. Utilities at Pier D are minimally adequate to support a homeported CVN. Utilities on the west end of the Shipyard, electrical service in particular, cannot meet demands when serving several ships moored at various piers. Operational restrictions are occasionally placed on ships to avoid exceeding system capacity. Major modifications are required to these systems to increase capacity to meet the requirements for ships using west end piers and facilities. Utility systems are currently either on the deck, interfering with operations, or are under the deck and, therefore, are immersed in salt water and require frequent maintenance and replacement.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The Shipyard will fail to provide an adequate berth for a permanently homeported CVN. When Pier B becomes a dedicated repair pier, the west side of Pier D will become the primary CVN homeport berth and, without this project, no secondary berth would be available. Because of the limited number of CVN berths, there will be situations when the Shipyard will have to relocate a CVN during a DPIA causing the Shipyard to incur additional costs.</p>		
12. Supplemental Data: <p>A. Estimated Design Data: (Parametric estimates have been used to develop</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N32416 NAVAL STATION BREMERTON, WASHINGTON		
4. Project Title PIER DELTA REPLACEMENT (INCREMENT II)		7. Project Number 341A

(...continued)

project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	12/98
(B) Date Design 35% Complete.....	09/99
(C) Date Design Complete.....	04/01
(D) Percent Complete As Of September 2000.....	55%
(E) Percent Complete As Of January 2001.....	90%
(F) Type of Design Contract.....	Design Build
(G) Parametric Estimate used to develop cost.....	Yes
(H) Energy study/life-cycle analysis performed.....	Yes

(2) Basis:

(A) Standard or Definitive Design: No

(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	0
(B) All Other Design Costs.....	735
(C) Total.....	735
(D) Contract.....	245
(E) In-House.....	490

(4) Contract Award..... 11/01

(5) Construction Start..... 04/02

(6) Construction Completion..... 09/03

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
FOAM FILLED FENDERS & BROWS	OPN	2001	300

Activity POC: CDR JAMES JONES Phone No: (360) 476-2425

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																							
3. Installation and Location/UIC: N68967 NAVAL STATION EVERETT WASHINGTON				4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.11																							
6. Personnel Strength	Permanent			Students			Supported			Total																				
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																					
a. As Of 9/30/01	437	5,070	138	0	0	0	15	61	0	5,721																				
b. End FY 2007	446	5,639	468	0	0	0	15	61	0	6,629																				
7. INVENTORY DATA (\$000)																														
a. TOTAL ACREAGE (431.00)																														
b. INVENTORY TOTAL AS OF 30 Sep 2001..... 408,938.00																														
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00																														
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 6,820.00																														
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00																														
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00																														
g. REMAINING DEFICIENCY..... 1,300.00																														
h. GRAND TOTAL..... 417,058.00																														
8. Projects Requested In This Program:																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Category</td> <td style="width: 45%;"></td> <td style="width: 15%;">Cost</td> <td style="width: 25%;">Design Status</td> </tr> <tr> <td><u>Code</u></td> <td><u>Project Title</u></td> <td><u>Scope</u></td> <td><u>Start</u> <u>Complete</u></td> </tr> <tr> <td>213.30</td> <td>SHORE INTER MAINT FAC</td> <td>118,000 SF</td> <td>12/99 10/02</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">-----</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td style="text-align: center;">6,820</td> <td></td> </tr> </table>											Category		Cost	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>	213.30	SHORE INTER MAINT FAC	118,000 SF	12/99 10/02			-----		TOTAL		6,820	
Category		Cost	Design Status																											
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>																											
213.30	SHORE INTER MAINT FAC	118,000 SF	12/99 10/02																											

TOTAL		6,820																												
9. Future Projects:																														
a. Included In The Following Program (FY 2003):																														
None																														
b. Major Planned Next Three Years:																														
None																														
c. Real Property Maintenance Backlog (\$000): \$ 0																														
10. Mission Or Major Functions:																														
<p>Provide homeport facilities and logistic support for an Aircraft Carrier Battle Group which includes one CVN and six surface combatants. Provide harbor and waterfront facilities, ship maintenance support, exchange, personnel support, athletic and recreational, berthing, and messing services.</p>																														
11. Outstanding Pollution And Safety Deficiencies (\$000):																														
a. Pollution Abatement (*): \$ 0																														
b. Occupational Safety And Health (OSH) (#): \$ 0																														

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N68967 NAVAL STATION EVERETT, WASHINGTON			4. Project Title SHORE INTERMEDIATE MAINTENANCE FACILITY	
5. Program Element 0204896N	6. Category Code 213.30	7. Project Number 045	8. Project Cost 6,820	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SHORE INTERMEDIATE MAINTENANCE FACILITY (56,198 SF)	m2	5,221	-	3,740
BUILDING MODIFICATIONS (56,198 SF)	m2	5,221	604	(3,150)
FOUNDATION MODIFICATIONS	LS	-	-	(40)
BUILDING CODE UPGRADE	LS	-	-	(190)
BUILT-IN EQUIPMENT	LS	-	-	(190)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(170)
SUPPORTING FACILITIES	LS	-	-	2,170
ELECTRICAL UTILITIES/COMMUNICATIONS	LS	-	-	(1,540)
MECHANICAL UTILITIES/FIRE PROTECTION	LS	-	-	(230)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(400)

SUBTOTAL	-	-	-	5,910
Contingency (5.0%)	-	-	-	300

TOTAL CONTRACT COST	-	-	-	6,210
Supervision Inspection & Overhead (6.0%)	-	-	-	370

SUBTOTAL	-	-	-	6,580
DESIGN BUILD DESIGN COST	LS	-	-	240

TOTAL REQUEST	-	-	-	6,820
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project will modify an existing general-purpose warehouse, construct a Navy Intermediate Maintenance Activity (NIMA) and further provide space for Supervisor of Shipbuilding, Conversion and Repair (SUPSHIPS). This building is constructed of concrete and steel with brick veneer and standing seam metal roof. The project will include lockers, showers, and optical communication cable. It further includes provision for mechanical ventilation, fire protection system, lighting for light and heavy industrial shops and administrative spaces within the facility. This project provides all utility services including power, water, sewer, storm drains, natural gas and compressed air. The mechanical system includes air conditioning to those areas that require cooling for equipment considerations. Project will meet seismic zone three requirements.</p> <p style="text-align: right;">(Continued On DD 1391C)</p>				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N68967 NAVAL STATION EVERETT, WASHINGTON		
4. Project Title SHORE INTERMEDIATE MAINTENANCE FACILITY		7. Project Number 045
<p>(...continued)</p> <p>11. Requirement: <u>5,221 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Renovates existing excess warehouse facility to provide a Navy Intermediate Maintenance Activity with administrative facilities for SUPSHIPS. (Current mission)</p> <p>REQUIREMENT:</p> <p>Adequate and efficient facilities are required to provide intermediate ship maintenance to the seven homeported ships at Naval Station Everett, Washington. The project relocates SUPSHIPS from leased spaces and locates them with the NIMA at the waterfront. This results in a one-stop IMA capability for ship repair. This plan is in concert with current regional concepts.</p> <p>CURRENT SITUATION:</p> <p>Naval Station Everett is homeport for seven combat ships. Ship maintenance is performed in homeport to reduce out of service time that relies on concurrent routine maintenance and intermediate support by the Navy Intermediate Maintenance Activity. The regional NIMA is located at Naval Shipyard Bremerton, 110 road miles from Naval Station Everett. The NIMA Everett Detachment is operating from antiquated and inefficient yard repair barges. Heavy weather in the Pacific Northwest results in many lost man-days as the barges are too unstable to allow for safe working conditions. Additionally, a portion of the NIMA maintenance capacity is used to maintain the barges. Other inefficient workarounds include NIMA functions currently working from MilVans located in parking lots.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The antiquated and dysfunctional yard repair barges will continue to create ship maintenance constraints and unsafe working conditions. These conditions adversely affect sailor retention and retention of the technical skills which are often lost during shoreside rotations. The fiscal impact is cost avoidance as the barges could otherwise be scrapped to avoid the need to overhaul them at a cost of \$3 million to \$5 million. Inefficient workarounds using MilVans will remain in place, and ship maintenance man-hours will continue to be siphoned off to maintain the barges.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N68967 NAVAL STATION EVERETT, WASHINGTON		
4. Project Title SHORE INTERMEDIATE MAINTENANCE FACILITY		7. Project Number 045
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/02</p> <p>(C) Date Design Complete..... 10/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 177</p> <p>(B) All Other Design Costs..... 59</p> <p>(C) Total..... 236</p> <p>(D) Contract..... 59</p> <p>(E) In-House..... 177</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 10/02</p> <p>(6) Construction Completion..... 06/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LCDR JOHN ROSNER Phone No: (425)-304-3844</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01																												
3. Installation and Location/UIC: N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON						4. Command Commander in Chief Pacific Fleet			5. Area Constr Cost Index 1.27																										
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total																									
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian																										
	1,139	6,332	696	0	0	0	33	42	0	8,242																									
	1,265	6,963	982	0	0	0	66	84	0	9,360																									
7. INVENTORY DATA (\$000)																																			
a. TOTAL ACREAGE (71,059.00) b. INVENTORY TOTAL AS OF 23 Apr 2001..... 359,384.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 1,100.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,470.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 25,100.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 16,300.00 g. REMAINING DEFICIENCY..... 159,945.00 h. GRAND TOTAL..... 565,299.00																																			
8. Projects Requested In This Program:																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Category</th> <th style="text-align: left;">Project Title</th> <th style="text-align: left;">Scope</th> <th style="text-align: right;">Cost (\$000)</th> <th style="text-align: left;">Design Status</th> </tr> <tr> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: left;"><u>Start</u> <u>Complete</u></th> </tr> <tr> <td>211.45</td> <td>P-3 SUPPORT FACILITY</td> <td>0 LS</td> <td style="text-align: right;">3,470</td> <td>05/00 07/01</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">3,470</td> <td></td> </tr> </table>											Category	Project Title	Scope	Cost (\$000)	Design Status	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>	211.45	P-3 SUPPORT FACILITY	0 LS	3,470	05/00 07/01				-----		TOTAL			3,470	
Category	Project Title	Scope	Cost (\$000)	Design Status																															
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u> <u>Complete</u>																															
211.45	P-3 SUPPORT FACILITY	0 LS	3,470	05/00 07/01																															

TOTAL			3,470																																
9. Future Projects:																																			
a. Included In The Following Program (FY 2003):																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">141.70</td> <td style="width: 40%;">CONTROL TOWER (31,861 SF)</td> <td style="width: 15%;">2,960 m2</td> <td style="width: 15%;">3,900</td> <td style="width: 15%;"></td> </tr> <tr> <td>116.56</td> <td>COMBAT A/C LOADING AREA</td> <td>0 LS</td> <td style="text-align: right;">21,200</td> <td></td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">25,100</td> <td></td> </tr> </table>											141.70	CONTROL TOWER (31,861 SF)	2,960 m2	3,900		116.56	COMBAT A/C LOADING AREA	0 LS	21,200					-----		TOTAL			25,100						
141.70	CONTROL TOWER (31,861 SF)	2,960 m2	3,900																																
116.56	COMBAT A/C LOADING AREA	0 LS	21,200																																

TOTAL			25,100																																
b. Major Planned Next Three Years:																																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">121.10</td> <td style="width: 40%;">A/C DIRECT REFUELING FAC</td> <td style="width: 15%;">0 LS</td> <td style="width: 15%;">16,300</td> <td style="width: 15%;"></td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">16,300</td> <td></td> </tr> </table>											121.10	A/C DIRECT REFUELING FAC	0 LS	16,300					-----		TOTAL			16,300											
121.10	A/C DIRECT REFUELING FAC	0 LS	16,300																																

TOTAL			16,300																																
c. Real Property Maintenance Backlog (\$000): \$ 66,395																																			
10. Mission Or Major Functions:																																			
<p>Maintain and operate facilities and provide services and material to support operations of aviation activities of the Pacific Fleets. Homeport to all of the Navy's electronic countermeasures aircraft, the EA-6B Prowler, which are vital to our nation's defense. With the retirement of the Air Force EF-111, the Air Force and Navy have been working jointly to establish five expeditionary squadrons manned by personnel from both services who train and are home-based at Whidbey. Also located at Whidbey are the P-3C Orion</p>																																			
(Continued On DD 1390C)																																			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 1.27
<p>(...continued)</p> <p>patrol aircraft, the EP-3E Aries II fleet air reconnaissance aircraft, and a Search and Rescue Unit flying the UH-3H helicopter and the UC-12B aircraft for fleet logistic support. In total, there are 19 active duty squadrons currently based on Whidbey Island.</p> <p>NAS Whidbey is also the center of activity for Naval Air Reserves in the region. One reserve patrol squadron flying the P-3C and one Fleet Logistic Support squadron flying the C-9 aircraft are also located at Whidbey.</p> <p>NAS Whidbey has over 50 tenant commands providing training, medical and dental, and other support services including a Marine Aviation Training Support Group for Whidbey's Marines.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON			4. Project Title P-3 SUPPORT FACILITY		
5. Program Element 0204696N	6. Category Code 211.45	7. Project Number 153	8. Project Cost 3,470		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
P-3 SUPPORT FACILITY (10,269 SF)	m2	954	-	2,110	
P-3 SUPPORT FACILITY (10,269 SF)	m2	954	1,948	(1,860)	
ADDITIONAL REINFORCING EXTERIOR WALLS	LS	-	-	(30)	
ACOUSTICAL INSULATION	LS	-	-	(40)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)	
INTERIOR VIBRATION SENSOR SYSTEM	LS	-	-	(10)	
CCTV CAMERAS AND MONITORS	LS	-	-	(10)	
PROCESSING AND SWITCHING SYSTEM	LS	-	-	(20)	
HINGED DOORS (STC 50-55)	LS	-	-	(40)	
INFORMATION SYSTEMS	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	1,000	
ELECTRICAL UTILITIES	LS	-	-	(340)	
MECHANICAL UTILITIES	LS	-	-	(350)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(220)	
BUILDING RELOCATION	LS	-	-	(90)	

SUBTOTAL	-	-	-	3,110	
Contingency (5.0%)	-	-	-	160	

TOTAL CONTRACT COST	-	-	-	3,270	
Supervision Inspection & Overhead (6.0%)	-	-	-	200	

TOTAL REQUEST	-	-	-	3,470	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Constructs a single story building with a 4.3 meter (14 feet) interior clear space in the maintenance area. Construction materials will be typical masonry and reinforced concrete with emphasis on security and sound attenuation. The maintenance area will include a garage with three pair swinging (hinged) doors STC Rating 50-55. The remaining space will be typical administrative area and automated data processing spaces. The facility will house secure administrative spaces. An Intrusion Detection System will be included as well as interior/exterior security cameras. All occupied rooms will be sound attenuated to STC 45. Utilities will be connected to the base wide distribution system. A back-up generator (150</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 153
<p>(...continued)</p> <p>KV) for computers, heating, ventilation, and air conditioning, lighting and security will be provided. Connection to the base communication and local area networks (LAN) will also be provided. Fire protection system will be provided in accordance with U.S. codes as well as design to Seismic Zone 3. Technical operating manuals will be provided. Site work requires moving and replacing electrical, mechanical utilities, paving and other existing site improvements. Project will relocate two temporary structures. Electrical utilities include perimeter lighting.</p>		
<p>11. Requirement: <u>954 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Project constructs a new P-3 Support Facility in the vicinity of the Fixed Wing Patrol (VP) Hangar at Naval Air Station, Whidbey Island, Washington. (Current mission)</p> <p>REQUIREMENT:</p> <p>The facility is needed to meet support requirements for the P-3 necessitated by increased workloads on P-3 aircrews. The facility will be used to provide aircrew training, store essential equipment, and conduct required system repair, modernization and maintenance necessary to support the aircraft's systems, which cannot be provided by existing facilities.</p> <p>The facility must be located in the vicinity of the VP hangars, and be on the flight line. A site adjacent to VP hangar at NAS Whidbey Island has been identified. This facility will house secure administrative spaces and will require the following security measures: alarms in office spaces, 'unclear' security lights, an approved PA/CD system, badge reader security system, intrusion detection system (IDS), and a security camera system. The maximum occupancy will typically be 40-60 personnel. The maintenance area must have a straight run access from the exterior of 24.5 m (80 ft). The garage area requires a 4.3 m (14 ft) ceiling height and adequate lighting for maintenance activities. An epoxy floor topping of 6 mil in the mechanical room will be included.</p> <p>CURRENT SITUATION:</p> <p>No suitable facility exists to satisfy this P-3 support requirement.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The P-3 mission will suffer since existing facilities cannot support the total aircraft system maintenance and training requirements. Without the</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N00620 NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 153
<p>(...continued)</p> <p>specific mission support provided by the proposed facility, the P-3 mission will fall far short of required readiness and performance levels and will ultimately be unsuccessful, with specific deleterious effect on the overall fleet operations.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/00</p> <p>(B) Date Design 35% Complete..... 09/00</p> <p>(C) Date Design Complete..... 07/01</p> <p>(D) Percent Complete As Of September 2000..... 35%</p> <p>(E) Percent Complete As Of January 2001..... 45%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... No</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 175</p> <p>(B) All Other Design Costs..... 335</p> <p>(C) Total..... 510</p> <p>(D) Contract..... 390</p> <p>(E) In-House..... 120</p> <p>(4) Contract Award..... 11/01</p> <p>(5) Construction Start..... 01/02</p> <p>(6) Construction Completion..... 01/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR STEPHEN MARKEY Phone No: 360-257-3348</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01				
3. Installation and Location/UIC: N3319A NAVAL SUPPORT ACTIVITY JOINT HQ CMD LARISSA, GREECE					4. Command CINC, U.S. Naval Forces Europe		5. Area Constr Cost Index 1.23				
6. Personnel Strength		Permanent			Students			Supported			Total
		Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 9/30/01		2	111	0	0	0	0	0	0	0	113
b. End FY 2007		2	123	0	0	0	0	0	0	0	125
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (101.00) b. INVENTORY TOTAL AS OF 23 Apr 2001..... 25,990.00 c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 12,240.00 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 14,100.00 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00 g. REMAINING DEFICIENCY..... 0.00 h. GRAND TOTAL..... 52,330.00											
8. Projects Requested In This Program:											
Category						Cost	Design Status				
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>				<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>			
721.11	BACHELOR ENLISTED QUARTERS (56,963 SF)	5,292 m2				12,240	12/99	10/01			
TOTAL						12,240					
9. Future Projects:											
a. Included In The Following Program (FY 2003):											
721.11	BQ AND SUPPORT FACILITY (40,085 SF)	3,724 m2				14,100					
TOTAL						14,100					
b. Major Planned Next Three Years: None											
c. Real Property Maintenance Backlog (\$000): \$ 0											
10. Mission Or Major Functions:											
Provides support for NATO forces engaged in operations in the South Central area of responsibility for the NATO Joint Command South Central and supports current operations in the Balkans.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$ 0											
b. Occupational Safety And Health (OSH) (#): \$ 0											

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N3319A NAVAL SUPPORT ACT JOINT HQ CMD SO CEN LARISSA, GREECE			4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0204696N	6. Category Code 721.11	7. Project Number 900	8. Project Cost 12,240		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
BACHELOR ENLISTED QUARTERS (56,963 SF)	m2	5,292	-	9,410	
BACHELOR ENLISTED QUARTERS (53,992 SF)	m2	5,016	1,549	(7,770)	
LIBERTY CENTER (2,971 SF)	m2	276	1,802	(500)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(810)	
BUILT-IN EQUIPMENT	LS	-	-	(100)	
INFORMATION SYSTEMS	LS	-	-	(150)	
TECHNICAL OPERATING MANUALS	LS	-	-	(80)	
SUPPORTING FACILITIES	LS	-	-	1,530	
ELECTRICAL UTILITIES	LS	-	-	(300)	
MECHANICAL UTILITIES	LS	-	-	(300)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(130)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(800)	
DEMOLITION	LS	-	-	-	

SUBTOTAL	-	-	-	10,940	
Contingency (5.0%)	-	-	-	550	

TOTAL CONTRACT COST	-	-	-	11,490	
Supervision Inspection & Overhead (6.5%)	-	-	-	750	

TOTAL REQUEST	-	-	-	12,240	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a three-story Bachelor Enlisted Quarters (BEQ) with reinforced concrete frame and walls, concrete floors, metal and build up roof. Provides 76 "1+1" modules, each with semi-private bath. This facility will also include BEQ office, lounge, recreational rooms, laundry and vending areas, storage, heating, ventilation, and air conditioning, emergency lighting, freight/passenger elevator. Force Protection features include specially designed windows, blast resistant end walls and structural integrity to prevent building collapse. Project will comply with Greek and U.S. seismic (seismic zone 4), fire, and ventilation criteria. Project will provide landscaping, irrigation and parking. This facility will be located on Greek Ministry of Defense land acquired for a new mission (NATO).</p>					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N3319A NAVAL SUPPORT ACT JOINT HQ CMD SO CEN LARISSA, GREECE		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 900
<p>(...continued)</p> <p>Intended Grade Mix: 24 E4; 52 E5-E6 (No E1-E3 at activity. E4's with over four years service are considered to be E5-E6)</p> <p>Maximum Utilization: 152 E1-E4.</p>		
<p>11. Requirement: <u>152 PN</u> Adequate: <u>0 PN</u> Substandard: <u>0 PN</u></p> <p>PROJECT:</p> <p>The project will construct a bachelor enlisted quarters on a permanent site to support the U.S. military population assigned to the new NATO Headquarters at Larissa, Greece. (New mission)</p> <p>REQUIREMENT:</p> <p>Adequate housing is required for permanently stationed and transient U.S. enlisted personnel who perform operations at NATO Joint Command South Central (SOUTHCENT) Headquarters. Because of the strategic mission of the NATO Headquarters and the high level of terrorist threat in Greece, it is imperative to have bachelor housing on site. This facility will provide adequate housing for enlisted personnel at Larissa, allowing them to move into seismically safe on-base housing incorporating force protection features. The project will also provide a recreation facility where sailors can relax in a non-alcohol environment. CINCUSNAVEUR has been designated the Administration Agent for the new NATO Headquarters at Larissa, Greece. This facility is a vital element of NAVEUR's Administration Agent responsibility for Larissa.</p> <p>CURRENT SITUATION:</p> <p>No bachelor quarters exist on-site. The Larissa community does not contain rental apartments that are suitable for use as bachelor enlisted quarters due to the high terrorist threat level and the general lack of rental units. Presently, enlisted personnel are required to live in hotels that do not have cooking and normal household appliances, or in unsafe apartments.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If not provided, U.S. enlisted personnel will be constantly placed at risk of terrorist attack and will be housed in hotels that are not suitable for long-term occupancy.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N3319A NAVAL SUPPORT ACT JOINT HQ CMD SO CEN LARISSA, GREECE		
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number 900
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 03/01</p> <p>(C) Date Design Complete..... 10/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 856</p> <p>(B) All Other Design Costs..... 426</p> <p>(C) Total..... 1282</p> <p>(D) Contract..... 1069</p> <p>(E) In-House..... 213</p> <p>(4) Contract Award..... 02/02</p> <p>(5) Construction Start..... 04/02</p> <p>(6) Construction Completion..... 02/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 0</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 0</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 2379</p> <p>Activity POC: LT KRISTIAN BARTON Phone No: 011-30-821-6662</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01				
3. Installation and Location/UIC: N66691 NAVAL SUPPORT ACTIVITY SOUDA BAY-CRETE GREECE				4. Command CINC, U.S. Naval Forces Europe		5. Area Constr Cost Index 1.23				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	23	245	158	0	0	0	15	87	0	528
	23	300	158	0	0	0	15	87	0	583
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (101.00)										
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 48,750.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 14,340.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 3,210.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 23,319.00										
h. GRAND TOTAL..... 89,619.00										
8. Projects Requested In This Program:										
Category										
Cost Design Status										
<u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>				
831.10	SEWAGE TREATMENT PLANT ADD		0 LS	3,210	12/99	06/02				

TOTAL				3,210						
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 3,515										
10. Mission Or Major Functions:										
Support reconnaissance and maritime patrol operations for the U.S. Navy.										
Support reconnaissance operations for the U.S. Air Force.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N66691 NAVAL SUPPORT ACTIVITY SOUDA BAY, CRETE			4. Project Title SEWAGE TREATMENT PLANT ADDITION	
5. Program Element 0204696N	6. Category Code 831.10	7. Project Number 832	8. Project Cost 3,210	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SEWAGE TREATMENT PLANT ADDITION	LS	-	-	1,770
SEWAGE TREATMENT PLANT	LS	-	-	(500)
STORAGE TANK	LS	-	-	(650)
BLOWER BUILDING, DIFFUSERS, PIPING	LS	-	-	(400)
PUMP STATIONS	LS	-	-	(200)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	1,000
SPECIAL FOUNDATION FEATURES	LS	-	-	(250)
UTILITIES	LS	-	-	(380)
AUTOMATION OF VALVES/PUMPS	LS	-	-	(300)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(70)

SUBTOTAL	-	-	-	2,770
Contingency (5.0%)	-	-	-	140

TOTAL CONTRACT COST	-	-	-	2,910
Supervision Inspection & Overhead (6.5%)	-	-	-	190

SUBTOTAL	-	-	-	3,100
DESIGN/BUILD - DESIGN COST	LS	-	-	110

TOTAL REQUEST	-	-	-	3,210
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Construct an addition to the Rotating Biological Contactor (RBC) sewage treatment plant and collection holding tank (CHT) at the Marathai quaywall to provide an additional five day storage capacity for a CVN-type ship or an Amphibious Ready Group (ARG) Deployment of four to six ships. Included will be a 30,000 gallon-per-day (gpd) package sewage treatment plant installed within reinforced cast-in-place concrete tanks, receiving, primary settling RBC, secondary settling, rapid sand filter, chlorine contact chamber, aerobic digester, an 800,000 gallon cast-in place reinforced concrete walled storage tank with diffusers, and a reinforced concrete block blower building. An electrical distribution cable to connect the off base substation at pier K10/12 to the blower building will be included. Construction of a retaining wall for the pad of the sewage</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N66691 NAVAL SUPPORT ACTIVITY SOUDA BAY, CRETE		
4. Project Title SEWAGE TREATMENT PLANT ADDITION		7. Project Number 832
<p>(...continued)</p> <p>treatment plant will be required. Automation of the valves, pumps, and generators (existing and proposed) of the system will be provided.</p>		
<p>11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u></p> <p>PROJECT:</p> <p>Constructs a sewage treatment plant addition and collection holding tank. (Current mission)</p> <p>REQUIREMENT:</p> <p>An adequate sewage disposal system is required to support vessels docked in Souda Bay during port calls for up to 10 days. This disposal system should be adequate to support an aircraft carrier with a 5,000 person crew with an average per person rate of 40 gpd or 200,000 gpd total for a period of 10 days. The Navy will be required by the Final Governing Standards (FGS) to adequately treat and dispose all sewage produced and/or brought in by ship to Souda Bay. Construction of an additional 800,000 gallon holding tank and 30,000 gpd plant is required. Discharge of untreated sewage into Souda Bay and the territorial waters of Greece inside the 12 nautical mile limit is not permitted. This project constructs an additional sewage disposal system to handle 600 plus ship days of port calls at the Marathai quaywall in Souda Bay, Crete. The largest vessel to be supported will be an aircraft carrier (5-10 day port call).</p> <p>CURRENT SITUATION:</p> <p>Presently, there is a sewage treatment plant with a current capacity of 20,000 gallon per day and an 800,000 gallon storage tank to handle a carrier or ARG deployment for up to five days of port call. Mission change requires up to 10 days of berthing at Souda Bay, and treatment and storage of wastewater capacity is only capable of five days. Presently this is the only means of wastewater disposal in Souda Bay for visiting U.S. ships.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project the quaywall at Marathai will be unable to support a carrier and other ships of the Sixth Fleet and NATO for more than five days.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N66691 NAVAL SUPPORT ACTIVITY SOUDA BAY, CRETE		
4. Project Title SEWAGE TREATMENT PLANT ADDITION		7. Project Number 832
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 06/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 109</p> <p>(C) Total..... 109</p> <p>(D) Contract..... 36</p> <p>(E) In-House..... 73</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 02/02</p> <p>(6) Construction Completion..... 12/02</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: LT MARC DELAO Phone No: 011-30-821-6386</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01	
3. Installation and Location/UIC: N62395 PUBLIC WORKS CENTER GUAM				4. Command Commander in Chief Pacific Fleet		5. Area Constr Cost Index 2.03	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	405	2,874	609	0	0	0	40	472	0
b. End FY 2007	484	2,935	1,959	0	0	0	40	472	0	5,890

7. INVENTORY DATA (\$000)

a. TOTAL ACREAGE	(32,293.00)
b. INVENTORY TOTAL AS OF 30 Sep 1997.....	507,783.00
c. AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	14,800.00
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g. REMAINING DEFICIENCY.....	81,438.00
h. GRAND TOTAL.....	604,021.00

8. Projects Requested In This Program:

Category	Cost	Design Status
<u>Code</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>
832.30 WATERFRONT UTILITIES IMPVS	0 LS 14,800	12/99 05/02
TOTAL		14,800

9. Future Projects:

a. Included In The Following Program (FY 2003):
None

b. Major Planned Next Three Years:
None

c. Real Property Maintenance Backlog (\$000): \$ 0

10. Mission Or Major Functions:

Note: Block 6a and 6b - These numbers reflect the Personnel Strength of the Host Activity, UIC N57043
COMNAVMARIANAS, Guam

Block 7a and 7b - These numbers reflect the Total Acreage and Total Inventory of the Host Activity,
UIC N57043 COMNAVMARIANAS, Guam

Provide maintenance, repair, minor construction and other public works support, including transportation equipment, utilities, telephone, Navy housing, engineering services, and shore facilities planning assistance for Naval forces in the Guam area. Also supports the US Air Force, Government

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N62395 PUBLIC WORKS CENTER GUAM		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 2.03
<p>(...continued)</p> <p>of Guam, Trust Territories of the Pacific Islands and other government and authorized agencies.</p>			
<p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62395 PUBLIC WORKS CENTER GUAM			4. Project Title WATERFRONT UTILITIES UPGRADE		
5. Program Element 0702096N	6. Category Code 832.30	7. Project Number 250	8. Project Cost 14,800		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
WATERFRONT UTILITIES UPGRADE	LS	-	-	13,020	
ELECTRIC POWER SUBSTATION (116 MB)	mW	34	174,147	(5,920)	
ELECTRICAL DISTRIBUTION LINE (18,045 LF)	m	5,500	594	(3,270)	
SEWAGE PUMP STATION	LS	-	-	(250)	
SEWAGE DISTRIBUTION LINE (1,352 LF)	m	412	352	(150)	
WHARF LIGHTING SYSTEM	LS	-	-	(290)	
STEAM PLANT	LS	-	-	(900)	
STEAM DISTRIBUTION LINE (1,083 LF)	m	330	2,112	(700)	
BILGE OILY WASTE TRANSFER/TREATMENT SYSTEM	LS	-	-	(1,100)	
BILGE OILY WATER LIFT STATION	LS	-	-	(290)	
TECHNICAL OPERATING MANUALS	LS	-	-	(150)	
SUPPORTING FACILITIES	LS	-	-	220	
ELECTRICAL UTILITIES	LS	-	-	(40)	
MECHANICAL UTILITIES	LS	-	-	(80)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(100)	

SUBTOTAL	-	-	-	13,240	
Contingency (5.0%)	-	-	-	660	

TOTAL CONTRACT COST	-	-	-	13,900	
Supervision Inspection & Overhead (6.5%)	-	-	-	900	

TOTAL REQUEST	-	-	-	14,800	
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a new one-story Steam Plant with concrete masonry unit (CMU) walls, concrete roof slab, and concrete slab-on-grade. The steam plant shall be equipped with two 250 HP steam boilers and complete with fire alarm system, interior/exterior power and lighting systems, roll-up doors, and 640 meters (2,100 ft) of steam distribution line in a covered concrete trench from the steam plant to Alpha and Bravo Wharves. Install a new 2 MVA electrical substation for Tango Wharf. Install a new 3.75 MVA substation at Bravo Wharf to replace the two existing 1.5 MVA substations at Bravo Wharf. Construct and shelter the new substations with CMU walls, concrete roof slab, and concrete slab-on-grade. Install two new power mounds with wiring to each wharf's new substation. Remove the two</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62395 PUBLIC WORKS CENTER GUAM		
4. Project Title WATERFRONT UTILITIES UPGRADE		7. Project Number 250
<p>(...continued)</p> <p>existing power mounds at Bravo Wharf and demolish the two existing 1.5 MVA substations after completion of the new substation and power mounds. Construct a new packaged Bilge Oily Waste Treatment System (BOWTS) with an associated collection and transfer system and a relief sewer line to service the Alpha and Bravo Wharves. The new improvements will be comprised of manifolds with pipe risers, gravity relief sewer line, sewer manhole, force main lines, ejector stations, two 14,000 liter holding tanks and one 18,925 liter oil storage tank. Remove existing floodlights and install new HPS luminaries mounted on 15.2 meters (50 ft) concrete poles to obtain 5 foot-candle at Alpha and Bravo wharves. The new lighting system will be corrosion-resistant and rated for 76 meters per second wind load. Install two new 3.75 MVA electrical substations with 13.8 KV rating to replace the two existing 3.75 MVA, 34.5 KV substation at Alpha Wharf. Construct and shelter the new substation with CMU walls, concrete roof slab, and concrete slab-on-grade. Replace the three existing power mounds with new power mounds. Install a new primary switching station with 13.8 KV air circuit breakers for 13.8 KV primary line feeders to Alpha and Bravo Wharves. Construct and shelter new switching station with CMU walls, concrete roof slab, and concrete slab-on-grade. Install a new 14.5 MVA transformer with new feeder circuit breakers. Modify the Orote Power Plant substation steel frame structure, bus arrangement, switching and protective relaying schemes to suit the new 14.5 MVA transformer. Construct and shelter the new feeder circuit breakers with CMU walls, concrete roof slab, and concrete slab-on-grade, and air-conditioning for controls. Install approximately 4,725 meters (15,500 ft) of overhead high voltage 13.8 KV primary line feeder on new concrete poles, and 2,000 meters (6,500 ft) of overhead lines on existing concrete poles from Orote Substation to Alpha Wharf. Install approximately 536 meters (1,760 ft) of underground, high voltage 13.8 KV primary line feeder from new switching station at Polaris Point to the new Bravo Wharf substation. Install approximately 980 meters (3,200 ft) of overhead and 298 meters (980 ft) of underground, high voltage 13.8 KV primary line feeder to the new substation at Tango Wharf substation. Provide new concrete poles for new 13.8 KV overhead primary line feeders. Upgrade sewage Pump Station No. 9, for aircraft carrier berthing at Echo Wharf. Install 70 meters (230 ft) of 150 (6'') underground sewer relief force main at Alpha Wharf and plugging the existing 100 (4'') sewer force main near the corner of Alpha and Bravo Wharves. Supporting facilities include utility connections, access road and parking (15 stalls) for the new steam plant.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC: N62395 PUBLIC WORKS CENTER GUAM		
4. Project Title WATERFRONT UTILITIES UPGRADE		7. Project Number 250

(...continued)

11. Requirement: 0 LS Adequate: 0 LS Substandard: 0 LS
 PROJECT:
 Upgrades waterfront utilities. (Current mission)

REQUIREMENT:

This project is required to provide sufficient utility services for ships which visit Guam or are homeported on Guam. A major portion of the Navy's Apra Harbor complex has been turned over by the Navy to the Government of Guam. This includes the Navy's former Ship Repair Facility (SRF), which previously provided berthing for Navy ships that visited Guam or were homeported in Guam. Only the Alpha, Bravo, Romeo, Sierra and Tango Wharves will remain under the Navy's control for berthing accommodations for Navy ships that now visit or homeport in Guam.

CURRENT SITUATION:

Utilities presently available at two of the five wharves cannot sufficiently support the ships that are expected to dock at these wharves. Alpha and Bravo Wharves each have only one substation and power mound with outlets to provide electrical services to only half the entire length of each wharf. The existing sewage pump station and sewage system for the Alpha and Bravo Wharves cannot sufficiently accommodate the combined and simultaneous discharge from arriving ships during peak load periods. The Orote substation does not have sufficient capacity to serve the shore power outlets at Alpha, Bravo, and Tango Wharves. The additional loads require installation of a 14MVA power transformer at the Orote Power Plant main substation.

IMPACT IF NOT PROVIDED:

Sufficient cold iron support will not be provided to Navy ships which stop enroute to and from their areas of deployment in support of the Fleet's mission at the Pacific and Indian Oceans and the Persian Gulf. The operational readiness of the ships visiting Guam or homeported in Guam and the morale of the crews will be degraded. Lack of sufficient shore-based utilities will continue to prevent crews from shutting down onboard utilities for inspection and maintenance, thereby hastening shipboard utility system deterioration due to continuous wear and tear. The ship's crew will be forced to operate their onboard utilities, instead of enjoying much deserved rest and recreation to boost their morale and the Navy's retention rate of highly qualified personnel.

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62395 PUBLIC WORKS CENTER GUAM		
4. Project Title WATERFRONT UTILITIES UPGRADE		7. Project Number 250
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 794</p> <p>(B) All Other Design Costs..... 265</p> <p>(C) Total..... 1059</p> <p>(D) Contract..... 662</p> <p>(E) In-House..... 397</p> <p>(4) Contract Award..... 06/02</p> <p>(5) Construction Start..... 07/02</p> <p>(6) Construction Completion..... 09/04</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT WILLIAM BEARY Phone No: (671)-339-5100</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01					
3. Installation and Location/UIC: N61755 NAVAL SUPPORT ACTIVITY GUAM					4. Command Commander in Chief Pacific Fleet					5. Area Constr Cost Index 2.03	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	338	2,731	1,684	0	0	0	76	533	0
b. End FY 2007	380	2,407	1,982	0	0	0	76	533	0	5,378

7. INVENTORY DATA (\$000)	
a. TOTAL ACREAGE (0.00)	
b. INVENTORY TOTAL AS OF 30 Sep 2001.....	0.00
c. AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	9,300.00
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g. REMAINING DEFICIENCY.....	143,070.00
h. GRAND TOTAL.....	152,370.00

8. Projects Requested In This Program:					
Category		Cost	Design Status		
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>
721.11	BEQ MODERNIZATION (30,139 SF)	2,800 m2	9,300	12/99	01/02
TOTAL			9,300		

9. Future Projects:	
a. Included In The Following Program (FY 2003):	
None	
b. Major Planned Next Three Years:	
None	
c. Real Property Maintenance Backlog (\$000): \$	130,169

10. Mission Or Major Functions:	
<p>Note: Block 6a and 6b - These numbers reflect the Personnel Strength of the Host Activity, UIC N57043 COMNAVMARIANAS, Guam</p> <p>Block 7a and 7b - These numbers reflect the Total Acreage and Total Inventory of the Host Activity, UIC N57043 COMNAVMARIANAS, Guam</p> <p>Provide shoreside logistics and maintenance support to Pacific Ships and Military Sealift Command Ships, and other U.S. and allied shipping. Homeport for submarine repair shop supporting submarines operating in the western Pacific.</p>	

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N61755 NAVAL SUPPORT ACTIVITY GUAM		4. Command Commander in Chief Pacific Fleet	5. Area Constr Cost Index 2.03
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 0</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC:N61755 COMMANDER, U.S. NAVAL FORCES MARIANAS, MAIN BASE, GUAM			4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION	
5. Program Element 0204796N	6. Category Code 721.11	7. Project Number 998	8. Project Cost 9,300	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS MODERNIZATION (29,170 SF)	m2	2,710	-	7,060
RENOVATE BEQ 14 (14,585 SF)	m2	1,355	2,335	(3,160)
INFORMATION SYSTEMS	LS	-	-	(20)
RENOVATE BEQ 15 (14,585 SF)	m2	1,355	2,357	(3,190)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(640)
SUPPORTING FACILITIES	LS	-	-	970
ELECTRICAL UTILITIES	LS	-	-	(570)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(320)

SUBTOTAL	-	-	-	8,030
Contingency (5.0%)	-	-	-	400

TOTAL CONTRACT COST	-	-	-	8,430
Supervision Inspection & Overhead (6.5%)	-	-	-	550

SUBTOTAL	-	-	-	8,980
DESIGN BUILD DESIGN COST	LS	-	-	320

TOTAL REQUEST	-	-	-	9,300
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Renovate two existing Bachelor Enlisted Quarters (BEQ) Buildings 14 and 15. The proposed renovation will result in 16 "1+1" modules in each building for a total of 32. Each module will be comprised of two living/sleeping rooms with closets, kitchenette, and shared semi-private bath. The two story, predominantly masonry buildings will be enlarged to increase the floor area and renovated to repair deteriorated conditions. Work includes reconfiguration to provide the living/sleeping modules, central lounge/kitchen, multi-purpose/recreation, laundry and vending machine spaces. Project includes central air conditioning, fire sprinkler and alarm systems, ceiling fans, drapery, card reader locks at main entry doors, and structural upgrades for seismic zone four.</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N61755 COMMANDER, U.S. NAVAL FORCES MARIANAS, MAIN BASE, GUAM		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 998
(...continued) Intended Grade Mix: 60 E1-E4 and 2 E5-E6 Maximum Utilization: 64 E1-E4		
11. Requirement: <u>842 PN</u> Adequate: <u>477 PN</u> Substandard: <u>0 PN</u> PROJECT: Renovates existing BEQ buildings 14 and 15 to meet bachelor quarters design criteria and fire protection and life safety codes. (Current mission) REQUIREMENT: Sufficient and adequate housing is required for unaccompanied Navy personnel assigned to COMNAVMARIANAS Guam. Adequate on-base living quarters are essential for maintaining trained military personnel. The mission of COMNAVMARIANAS Guam is to provide operational, ordnance, and other logistic support to fleet units and operational forces of the 5th and 7th Fleets and to provide policy and support services to shore activities and personnel of COMNAVMARIANAS Guam within the assigned geographical region of Guam. CURRENT SITUATION: BEQ's 14 and 15, constructed in 1952, are two-story concrete frame with concrete masonry unit infill walls and a painted skim coat exterior finish. Rooms are accessible from interior corridors. The roof is a flat concrete waffle structure with rolled asphalt roofing over rigid insulation. Interior utility systems do not comply with current life safety codes. BEQ Building 14 is a two-story, 12,320 square foot, 20 room structure. Each room is approximately 270 square feet sharing a common bath with one adjacent room. Individual rooms are assigned three permanent party E1/E4 or one E5/E6. Current loading for BEQ Building 14 is 54 E1-E4 and two E5-E6. This results in three persons (E1/E4) per room and a total of six persons (E1/E4) sharing a common bath which does not meet current bachelor quarters standards. BEQ Building 15 is a two-story, 12,320 square feet, and originally a 20 room structure. However, eight rooms on the first floor have since been demolished and are now used as administrative space for the Navy Reserves and as administrative/storage space for the Bachelor Housing Office. Similar to BEQ Building 14, the remaining twelve rooms are approximately 270 square feet sharing a common bath with one adjacent room. Individual		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N61755 COMMANDER, U.S. NAVAL FORCES MARIANAS, MAIN BASE, GUAM		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 998
<p>(...continued)</p> <p>rooms are assigned three transient party E1/E4. Current loading for BEQ Building 15 is 36 E1-E4. This results in three persons (E1/E4) per room and a total of six persons (E1/E4) sharing a common bath and does not meet current bachelor quarters standards.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Navy personnel will be subjected to inadequate, deteriorated living conditions because the existing quarters do not meet the major requirements to provide adequate space, privacy, and safety. Most critically, if this project is not funded, the single sailor's quality of life will remain substandard with overcrowded living conditions causing severe morale problems. Unaccompanied junior enlisted Navy personnel will continue to live in three person assigned rooms and six person shared common baths.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 05/01</p> <p>(C) Date Design Complete..... 01/02</p> <p>(D) Percent Complete As Of September 2000..... 10%</p> <p>(E) Percent Complete As Of January 2001..... 20%</p> <p>(F) Type of Design Contract..... Design Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... No</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 282</p> <p>(C) Total..... 282</p> <p>(D) Contract..... 94</p> <p>(E) In-House..... 188</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N61755 COMMANDER, U.S. NAVAL FORCES MARIANAS, MAIN BASE, GUAM		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		7. Project Number 998
<p>(...continued)</p> <p>(4) Contract Award..... 10/01</p> <p>(5) Construction Start..... 03/02</p> <p>(6) Construction Completion..... 03/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. FY 2000 Unaccompanied Housing Real Property Maint Conducted (\$000) 4939</p> <p>D. FY 2001 Unaccompanied Housing Real Property Maint Conducted (\$000) 3108</p> <p>E. Future Unaccompanied Housing Real Property Maint Requirements (\$000) 24888</p> <p>Activity POC: CAPT WILLIAM BEARY Phone No: 011-671-339-510</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. Date 6/30/01			
3. Installation and Location/UIC: N63032 NAVAL AIR STATION KEFLAVIK, ICELAND						4. Command Commander in Chief Atlantic Fleet			5. Area Constr Cost Index 2.59	
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	238	1,548	863	0	0	0	105	228	0	2,982
	236	1,586	752	0	0	0	105	228	0	2,907
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (2,862.00)										
b. INVENTORY TOTAL AS OF 23 Apr 2001..... 528,258.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 2,820.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 19,960.00										
g. REMAINING DEFICIENCY..... 126,707.00										
h. GRAND TOTAL..... 677,745.00										
8. Projects Requested In This Program:										
Category										
Cost Design Status										
<u>Code</u>	<u>Project Title</u>					<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>	
* 833.09	SOLID WASTE DISP CONN CHRG					0 LS	2,820			

TOTAL							2,820			
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
722.10	COMBINED DINING FACILITY (21,528					2,000 m2	14,800			
SF)										
* 832.10	SEWER CONNECTION CHARGE					0 LS	5,160			

TOTAL							19,960			
c. Real Property Maintenance Backlog (\$000): \$ 202,682										
10. Mission Or Major Functions:										
<p>Iceland's location astride the Greenland-Iceland-Norway gap affords Navy land-based, anti-submarine forces a forward operating airfield and support complex. This facility also supports forward deployed USAF Airborne (AWACS) and fighter-interceptor units in the air defense mission. Communications facilities provide essential coverage for Naval units operating in the North Atlantic and Norwegian Sea. Wartime contingency roles for this base include critical support to military airlift and air defense augmentation missions.</p>										

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		4. Command Commander in Chief Atlantic Fleet	5. Area Constr Cost Index 2.59
<p>(...continued)</p> <p>11. Outstanding Pollution And Safety Deficiencies (\$000):</p> <p>a. Pollution Abatement (*): \$ 7,980</p> <p>b. Occupational Safety And Health (OSH) (#): \$ 0</p>			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N63032 NAVAL AIR STATION KEFLAVIK, ICELAND			4. Project Title SOLID WASTE DISPOSAL CONNECTION CHARGE	
5. Program Element 0204696N	6. Category Code 833.09	7. Project Number 005	8. Project Cost 2,820	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
SOLID WASTE DISPOSAL CONNECTION CHARGE	LS	-	-	2,650
INCINERATOR	LS	-	-	(2,010)
TRANSFER STATION	LS	-	-	(310)
ASH LANDFILL	LS	-	-	(330)
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	2,650
Contingency (5.0%)	-	-	-	130

TOTAL CONTRACT COST	-	-	-	2,780
Supervision Inspection & Overhead (1.5%)	-	-	-	40

TOTAL REQUEST	-	-	-	2,820
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>This project will pay the U.S. fair share of the capital costs for new construction of solid waste disposal facilities owned and operated by the Icelandic Sudurnes Incinerator Authority (SIA). The new facilities will comply with Icelandic regulations for air emissions and meet standard local operating procedures. The facilities will be used exclusively by NAS Keflavik and the surrounding Icelandic communities. The facilities will include a new 6,000-ton incinerator, a 1,100 square meter enclosed transfer station for recycling and sorting, and a 2 hectares landfill. This project is the result of a negotiated partnership with the SIA in Keflavik, Iceland.</p>				
11. Requirement: <u>0LS</u> Adequate: <u>0LS</u> Substandard: <u>0LS</u>				
PROJECT:				
This project pays the Navy's fair share for construction of a new incinerator, transfer station, and landfill for joint use by the U.S. Naval Air Station Keflavik, Iceland and the local Icelandic communities. (Current mission)				
REQUIREMENT:				
In accordance with the 1986 minutes of Meeting 838 of the Defense Council, all NAS Keflavik solid waste must be incinerated and landfilled on the				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title SOLID WASTE DISPOSAL CONNECTION CHARGE		7. Project Number 005
<p>(...continued)</p> <p>Agreed Area. NAS Keflavik negotiated an agreement (April 1999) with SIA for construction of a new incinerator with a 15 year life expectancy, a transfer and sorting facility and a landfill with a 23 year life expectancy. All facilities will be owned and operated by SIA. This project will pay only for the U.S. negotiated fair share (41%) of the capital costs of the new facilities.</p> <p>CURRENT SITUATION:</p> <p>The existing incinerator at NAS Keflavik, which is owned and operated by the Sudurnes Incinerator Authority (SIA), is approaching the end of its design life cycle and requires replacement. The operational permit for this incinerator expires in the year 2000 and will not be renewed due to noncompliance with Icelandic environmental regulations</p> <p>SIA lacks an indoor facility for transfer and sorting of solid waste. Currently, minimal sorting of solid waste and all incinerator ash and nonburnable trash materials are placed in the existing NAS Keflavik landfill. The landfill is operated by a Navy contractor.</p> <p>The existing landfill on the Agreed Area has reached capacity. A special project is already programmed for the closure of the existing landfill upon the opening of a new landfill.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not completed by FY 2002, NAS Keflavik will not have legal means for disposal of solid waste in Iceland. NAS Keflavik will be in violation of the Agreed Minutes with the Defense Council, Final Governing Standards and Icelandic regulations. In addition, if the capital cost is not paid in a lump sum, the overall project costs will increase by \$1.2 million. The capital cost will then be paid through increased annual operations and maintenance (O&M) costs for 10 years. The increase in O&M funds diverted to cover the solid waste utility bill will reduce NAS Keflavik's annual maintenance program basewide, which will result in advanced deterioration of base facilities.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N63032 NAVAL AIR STATION KEFLAVIK, ICELAND		
4. Project Title SOLID WASTE DISPOSAL CONNECTION CHARGE		7. Project Number 005
<p>(...continued)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... N/A</p> <p>(B) Date Design 35% Complete..... N/A</p> <p>(C) Date Design Complete..... N/A</p> <p>(D) Percent Complete As Of September 2000..... 0%</p> <p>(E) Percent Complete As Of January 2001..... 0%</p> <p>(F) Type of Design Contract.....</p> <p>(G) Parametric Estimate used to develop cost..... N/A</p> <p>(H) Energy study/life-cycle analysis performed..... N/A</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 0</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 0</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... N/A</p> <p>(6) Construction Completion..... N/A</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR MACKEL, KEITH MUSTARD X221 Phone No:</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01	
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA ITALY				4. Command CINC, U.S. Naval Forces Europe		5. Area Constr Cost Index 1.16	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	a. As Of 9/30/01	254	2,288	1,012	0	0	0	105	590	0
b. End FY 2007	282	2,497	847	0	0	0	105	590	0	4,321

7. INVENTORY DATA (\$000)

a. TOTAL ACREAGE	(609.00)
b. INVENTORY TOTAL AS OF 30 Sep 2001.....	302,149.00
c. AUTHORIZATION NOT YET IN INVENTORY.....	76,559.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,060.00
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	34,300.00
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	32,630.00
g. REMAINING DEFICIENCY.....	312,752.00
h. GRAND TOTAL.....	761,450.00

8. Projects Requested In This Program:

Category	Cost	Design Status
<u>Code</u>	<u>Scope</u>	<u>Start</u> <u>Complete</u>
211.45 P-3 SUPPORT FACILITY	0 LS 3,060	05/00 06/01

TOTAL	3,060	

9. Future Projects:

a. Included In The Following Program (FY 2003):

740.43 QOL SUPPORT II (94,184 SF)	8,750 m2	34,300	-----
TOTAL		34,300	

b. Major Planned Next Three Years:

219.10 BASE OPS SUPPORT I (234,320 SF)	21,769 m2	32,630	-----
TOTAL		32,630	

c. Real Property Maintenance Backlog (\$000): \$ 39,286

10. Mission Or Major Functions:

Navy's major mid-Mediterranean shore installation used for logistic support of the Sixth Fleet and as a base of operations for deployed, land-based anti-submarine warfare (ASW) aircraft. Navy intra-theatre airlift squadron also assigned, with carrier on-board airlift mission. Support transient, carrier-based tactical aircraft as required. Presently supports Air Mobility Command (AMC) cargo flights and Military Airlift Command (MAC) passenger flights from the U.S. Provides air logistics interface with nearby Augusta Bay NATO fuel and ammunition replenishment pier and depot.

(Continued On DD 1390C)

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. Date 6/30/01
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA ITALY		4. Command CINC, U.S. Naval Forces Europe	5. Area Constr Cost Index 1.16
(...continued) Supports helicopter combat squadron and helicopter surveillance squadron.			
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$ 0 b. Occupational Safety And Health (OSH) (#): \$ 0			

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY			4. Project Title P-3 SUPPORT FACILITY		
5. Program Element 0204660N	6. Category Code 211.45	7. Project Number 463	8. Project Cost 3,060		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
P-3 SUPPORT FACILITY (10,269 SF)	m2	954	-	2,100	
P-3 SUPPORT FACILITY (10,269 SF)	m2	954	1,492	(1,420)	
ADDITIONAL REINFORCING EXTERIOR WALLS	LS	-	-	(30)	
REPLACE HIGH VALUE SPARES FACILITY	LS	-	-	(430)	
ACOUSTICAL INSULATION	LS	-	-	(40)	
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)	
INTERIOR VIBRATION SENSOR SYSTEM	LS	-	-	(10)	
CCTV CAMERAS AND MONITORS	LS	-	-	(10)	
PROCESSING AND SWITCHING SYSTEM	LS	-	-	(20)	
HINGED DOORS (STC 50-55)	LS	-	-	(40)	
INFORMATION SYSTEMS	LS	-	-	(30)	
TECHNICAL OPERATING MANUALS	LS	-	-	(30)	
SUPPORTING FACILITIES	LS	-	-	630	
ELECTRICAL UTILITIES	LS	-	-	(200)	
MECHANICAL UTILITIES	LS	-	-	(250)	
PAVING AND SITE IMPROVEMENTS	LS	-	-	(170)	
DEMOLITION	LS	-	-	(10)	

SUBTOTAL	-	-	-	2,730	
Contingency (5.0%)	-	-	-	140	

TOTAL CONTRACT COST	-	-	-	2,870	
Supervision Inspection & Overhead (6.5%)	-	-	-	190	

TOTAL REQUEST	-	-	-	3,060	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>This project will construct a single story building with a 4.3 meters (14 feet) interior clear space in the maintenance area. Construction materials will be typical masonry and reinforced concrete with emphasis on security and sound attenuation. The maintenance area will include a garage with three pair swinging (hinged) doors STC Rating 50-55. The remaining space will be typical administrative area and automated data processing spaces. The facility will house secure administrative spaces. Provisions for an Intrusion Detection System, as well as interior/exterior security cameras, will be included. All occupied rooms will be sound</p> <p style="text-align: right;">(Continued On DD 1391C)</p>					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 463
<p>(...continued)</p> <p>attenuated to STC 45. Utilities will be connected to the base-wide distribution system. A back-up generator (150 KV) for computers, heating, ventilation, and air conditioning, lighting and security will be provided. Connection to the base communication and local area networks will also be provided. Fire protection will be provided in accordance with U.S. and Italian codes as well as design to Seismic Code 4. Demolition and replacement of one building is included. Technical operating manuals (dual language) will be provided. Electrical utilities include perimeter lighting.</p>		
<p>11. Requirement: <u>954 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p>PROJECT:</p> <p>Project constructs a new P-3 Support Facility in the vicinity of the Fixed Wing Patrol (VP) Hangar 426 at Naval Air Station, Sigonella (NAS II). (Current mission)</p> <p>REQUIREMENT:</p> <p>An adequate facility is needed to meet support requirements for the P-3 necessitated by increased workloads on P-3 aircrews. The facility will be used to provide aircrew training, store essential equipment, and conduct required system repair, modernization and maintenance necessary to support the aircraft's systems, which cannot be provided by existing facilities.</p> <p>The facility must be located in the vicinity of the VP hangars, and be on the flight line. A site adjacent to Building 460 and behind Building 426 (VP hangar) at NAS Sigonella has been identified. This facility will house secure administrative spaces and will require the following security measures: alarms in office spaces, 'unclear' security lights, an approved PA/CD system, badge reader security system, intrusion detection system (IDS), and a security camera system. The maximum occupancy will typically be 40-60 personnel. The maintenance area must have a straight run access from the exterior of 245 m (80 ft). The garage area requires a 4.3 m (14 ft) ceiling height, and adequate lighting for maintenance activities. An epoxy floor topping of 6 mil in the mechanical room will be included.</p> <p>CURRENT SITUATION:</p> <p>NAS Sigonella is a tenant activity of the Italian Air Base at Sigonella, Sicily. No suitable facility exists to satisfy this P-3 support requirement.</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 463
<p>(...continued)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The P-3 mission will suffer since existing facilities cannot support the total aircraft system maintenance and training requirements. Without the specific mission support provided by the proposed facility, the P-3 mission will fall far short of required readiness and performance levels and will ultimately be unsuccessful, with specific deleterious effect on the overall fleet operations.</p>		
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 05/00</p> <p>(B) Date Design 35% Complete..... 01/01</p> <p>(C) Date Design Complete..... 06/01</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 35%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 175</p> <p>(B) All Other Design Costs..... 148</p> <p>(C) Total..... 323</p> <p>(D) Contract..... 263</p> <p>(E) In-House..... 60</p> <p>(4) Contract Award..... 12/01</p> <p>(5) Construction Start..... 02/02</p> <p>(6) Construction Completion..... 03/03</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62995 NAVAL AIR STATION SIGONELLA, ITALY		
4. Project Title P-3 SUPPORT FACILITY		7. Project Number 463
<p>(...continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CAPT ROBERT RAINES Phone No: 011-39-095-86-6</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM					2. Date 6/30/01				
3. Installation and Location/UIC: N62863 NAVAL STATION ROTA SPAIN				4. Command Commander in Chief, U.S. Naval Forces		5. Area Constr Cost Index 1.2				
6. Personnel Strength a. As Of 9/30/01 b. End FY 2007	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	318	1,969	212	0	0	0	173	644	0	3,316
	325	2,161	1,153	0	0	0	173	644	0	4,456
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (5,953.00)										
b. INVENTORY TOTAL AS OF 30 Sep 2000..... 209,018.00										
c. AUTHORIZATION NOT YET IN INVENTORY..... 0.00										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 2,240.00										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0.00										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0.00										
g. REMAINING DEFICIENCY..... 130,656.00										
h. GRAND TOTAL..... 341,914.00										
8. Projects Requested In This Program:										
Category										
<u>Code</u>	<u>Project Title</u>				<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>			
141.25	A/C FIRE & RESCUE ADDN (15,500 SF)				1,440 m2	2,240	12/99	05/02		

TOTAL						2,240				
9. Future Projects:										
a. Included In The Following Program (FY 2003):										
None										
b. Major Planned Next Three Years:										
None										
c. Real Property Maintenance Backlog (\$000): \$ 72,864										
10. Mission Or Major Functions:										
Major air base for Navy ASW and Ocean surveillance aircraft (P-3) covering western approaches to Gibraltar, Defense Communications Service in western Mediterranean and eastern Atlantic. Communication facility supports Defense Communications Service in western Mediterranean and maintains continuous contact with US 6th Fleet units afloat. Provides POL and ammunition storage. Major harbor facility (outside Mediterranean) supports transient 6th Fleet ship's logistics requirements. Military Aircraft Command passenger and cargo terminal.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$ 0										
b. Occupational Safety And Health (OSH) (#): \$ 0										

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01	
3. Installation and Location/UIC:N62863 NAVAL STATION ROTA, SPAIN			4. Project Title AIRCRAFT FIRE AND RESCUE ADDITION		
5. Program Element 0204696N	6. Category Code 141.25	7. Project Number 675	8. Project Cost 2,240		
9. COST ESTIMATES					
Item	U/M	Quantity	Unit Cost	Cost (\$000)	
AIRCRAFT FIRE AND RESCUE ADDITION (13,498 SF)	m2	1,254	-	1,670	
CONVERT AND RESTORE CRASH RESCUE (7,696 SF)	m2	715	1,074	(770)	
CONSTRUCT STRUCTURAL HQ STATION (5,802 SF)	m2	539	1,475	(800)	
TRUCK PUMP TEST STAND	LS	-	-	(40)	
REC AREA/PAVILION	LS	-	-	(60)	
SUPPORTING FACILITIES	LS	-	-	330	
UTILITIES	LS	-	-	(240)	
PAVING AND SITE WORK	LS	-	-	(90)	

SUBTOTAL	-	-	-	2,000	
Contingency (5.0%)	-	-	-	100	

TOTAL CONTRACT COST	-	-	-	2,100	
Supervision Inspection & Overhead (6.5%)	-	-	-	140	

TOTAL REQUEST	-	-	-	2,240	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-	
10. Description of Proposed Construction					
<p>Construct a one story, concrete-frame Structural Fire Fighting Station with masonry walls, concrete foundation and arabic tile roofing. Space is required for two pieces of fire fighting equipment, male and female shower and toilet facilities, dormitory rooms, dayroom, training room, dining area, exercise room, hose drying space, kitchen, medical supply storage area, workroom, general storage and office spaces. The garage will provide drive through access. Supporting facilities will include an outdoor lounge area and landscaping in accordance with the base exterior architectural plan. Demolish, rebuild, and repartition the interior of Building 58. Replace existing built-up roof and modified bitumen roof.</p>					
11. Requirement: <u>1,254 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>					
PROJECT:					
This project will restore building 58 for use as an aircraft rescue fire fighting station and construct a structural fire fighting station in front of the flightline security fence. (Current mission)					
(Continued On DD 1391C)					

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62863 NAVAL STATION ROTA, SPAIN		
4. Project Title AIRCRAFT FIRE AND RESCUE ADDITION		7. Project Number 675
<p>(...continued) REQUIREMENT:</p> <p>Adequate structural and aircraft fire fighting facilities are required to support base operations. The base is required to maintain three structural fire engines with four firefighters assigned to two of the engines. The base has an operational airfield designated as category 4 and maintains an appropriate number of Aircraft Rescue Fire Fighting (ARFF) vehicles and crewmembers. The ARFF facility must be located on the airfield. The structural fire engines respond to all on-base and off-base emergencies and calls for public assistance. These emergencies/calls include fires, traffic accidents, fire alarms, hazardous material incidents, investigations, and rescues. The base fire department is the sole provider for these services to the township of Rota and the adjacent area surrounding the base. Firefighters work a 24-hour shift and must cook and eat their meals in a fully appointed kitchen, conduct in-house classroom training, perform office administration duties, have bathroom, showers, and sleeping quarters, have an exercise room, a work bench area, and adequate storage. Assigned vehicles include three structural fire engine, three crash trucks, one structural rescue vehicle, one structural hazardous material vehicle, one Assistant Chief Operations vehicle, one Fire Chief's vehicle, one training officer and five fire inspector trucks.</p> <p>CURRENT SITUATION:</p> <p>The current facility is inadequate to meet both the structural and ARFF requirements of the Naval Station. The Structural Fire Department Engine One and ARFF is combined into one facility, building 58, identified as Fire Station One and is designated as a Headquarters Fire Station. This facility is located on the airfield and meets ARFF requirements but violates NFPA response criteria for the structural fire engine because it is secured behind locked gates and does not have public access. This facility was not designed or intended for use as an ARFF facility. It is incapable of housing the 18 to 20 personnel assigned to work each shift day. There is inadequate space for living, administrative office, exercise, classroom training, and storage.</p> <p>Building 58 currently supports both aircraft fire rescue and structural fire fighting functions with great difficulty due to a large space deficiency. Building 58 was constructed as an aviation ordnance building in the 1950's. In the late 1960's a garage was added to marginally convert the facility into an Aircraft Rescue Fire Fighting Station. In the late 1970's minimal interior modifications were made to combine the Structural Station from building 54, which is now used by the Navy Federal</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62863 NAVAL STATION ROTA, SPAIN		
4. Project Title AIRCRAFT FIRE AND RESCUE ADDITION		7. Project Number 675
<p>(...continued)</p> <p>Credit Union. In the mid-1990's there was a garage addition to building 58. Besides the gross space deficiency in living, dining and storage space there is a consistent delay in response time due to the improper location of the structural fire crews inside the secured flight line.</p> <p>There are four large trailer boxes on the west side of the fire station used for storage of firefighting hose, breathing apparatus, hand tools, auxiliary generators, personal protective equipment clothing (PPE), janitorial and office supplies, controlled inventory equipment, and other related storage items. On the east side of the building there are four trailers. Two are used as a day room for the Spanish civilian firefighters and the other two for tool room and workbench areas. These eight temporary trailers would be eliminated with the construction addition of adequate space areas.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, the delay of structural emergency responses due to the time needed for gate opening will continue and may result in an unfortunate incident, and the unhealthy work environment due to inadequate space will continue to cause undue stress, inability to conduct proper classroom training, poor communication among staff personnel, and limited access to the public for conducting day to day business.</p>		
12. Supplemental Data:		
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... 12/99</p> <p>(B) Date Design 35% Complete..... 09/01</p> <p>(C) Date Design Complete..... 05/02</p> <p>(D) Percent Complete As Of September 2000..... 2%</p> <p>(E) Percent Complete As Of January 2001..... 2%</p> <p>(F) Type of Design Contract..... Design/Bid/Build</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N62863 NAVAL STATION ROTA, SPAIN		
4. Project Title AIRCRAFT FIRE AND RESCUE ADDITION		7. Project Number 675
<p>(...continued)</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 120</p> <p>(B) All Other Design Costs..... 40</p> <p>(C) Total..... 160</p> <p>(D) Contract..... 100</p> <p>(E) In-House..... 60</p> <p>(4) Contract Award..... 02/02</p> <p>(5) Construction Start..... 03/02</p> <p>(6) Construction Completion..... 03/03</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR JAMES WORCESTER Phone No: 011-34-9-56-82-</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N64482 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS			4. Project Title PLANNING AND DESIGN	
5. Program Element 0901211N	6. Category Code 010.00	7. Project Number 202	8. Project Cost 29,932	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PLANNING AND DESIGN	LS	-	-	29,930
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	29,930
Contingency (0.0%)	-	-	-	-

TOTAL CONTRACT COST	-	-	-	29,930
Supervision Inspection & Overhead (0.0%)	-	-	-	2

TOTAL REQUEST	-	-	-	29,932
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.</p>				
11. Requirement: <u>0 LS</u> Adequate: <u>0 LS</u> Substandard: <u>0 LS</u> PROJECT: All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those cases where the Design/Build contracting method is used. (Current mission) REQUIREMENT: CURRENT SITUATION: IMPACT IF NOT PROVIDED:				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N64482 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		
4. Project Title PLANNING AND DESIGN		7. Project Number 202
<p>(...continued)</p> <p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <p>(A) Date Design Started..... N/A</p> <p>(B) Date Design 35% Complete..... N/A</p> <p>(C) Date Design Complete..... N/A</p> <p>(D) Percent Complete As Of September 2000..... 0%</p> <p>(E) Percent Complete As Of January 2001..... 0%</p> <p>(F) Type of Design Contract.....</p> <p>(G) Parametric Estimate used to develop cost..... Yes</p> <p>(H) Energy study/life-cycle analysis performed..... Yes</p> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <p>(A) Production of Plans and Specifications..... 0</p> <p>(B) All Other Design Costs..... 0</p> <p>(C) Total..... 0</p> <p>(D) Contract..... 0</p> <p>(E) In-House..... 0</p> <p>(4) Contract Award..... N/A</p> <p>(5) Construction Start..... N/A</p> <p>(6) Construction Completion..... N/A</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Activity POC: CDR ERIC MILNER Phone No: 703-604-9992</p>		

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM			2. Date 6/30/01
3. Installation and Location/UIC: N64481 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS			4. Project Title UNSPECIFIED MINOR CONSTRUCTION	
5. Program Element 0901211N	6. Category Code 020.00	7. Project Number 202	8. Project Cost 10,546	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	10,540
SUPPORTING FACILITIES		-	-	-

SUBTOTAL	-	-	-	10,540
Contingency (0.0%)	-	-	-	-

TOTAL CONTRACT COST	-	-	-	10,540
Supervision Inspection & Overhead (0.0%)	-	-	-	6

TOTAL REQUEST	-	-	-	10,546
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-
10. Description of Proposed Construction				
<p>Projects authorized by Title 10 USC 2805 not otherwise authorized by law having an approved cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than \$3,000,000. Total request includes funds for supervision, inspection, and overhead.</p>				
11. Requirement: <u>0LS</u> Adequate: <u>0LS</u> Substandard: <u>0LS</u>				
<p>PROJECT:</p> <p>Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of \$1,500,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted. (Current mission)</p> <p>REQUIREMENT:</p> <p>CURRENT SITUATION:</p>				
(Continued On DD 1391C)				

1. Component NAVY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. Date 6/30/01
3. Installation and Location/UIC:N64481 NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		
4. Project Title UNSPECIFIED MINOR CONSTRUCTION		7. Project Number 202
(...continued) IMPACT IF NOT PROVIDED:		
12. Supplemental Data: A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide) (1) Status: (A) Date Design Started..... N/A (B) Date Design 35% Complete..... N/A (C) Date Design Complete..... N/A (D) Percent Complete As Of September 2000..... 0% (E) Percent Complete As Of January 2001..... 0% (F) Type of Design Contract..... (G) Parametric Estimate used to develop cost..... Yes (H) Energy study/life-cycle analysis performed..... Yes (2) Basis: (A) Standard or Definitive Design: No (B) Where Design Was Most Recently Used: (3) Total Cost (C) = (A) + (B) Or (D) + (E): (A) Production of Plans and Specifications..... 0 (B) All Other Design Costs..... 0 (C) Total..... 0 (D) Contract..... 0 (E) In-House..... 0 (4) Contract Award..... N/A (5) Construction Start..... N/A (6) Construction Completion..... N/A B. Equipment associated with this project which will be provided from other appropriations: NONE. Activity POC: CDR ERIC MILNER Phone No: 703-604-9992		

